



INTEGRATED MONITORING SOLUTION



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category	sub category	product code	technical features	details
VW strain gauge	for iron	SG-01-SGM-00	Vibrating wire strain gauge for metal, 165 mm length, +/- 1500 µε measuring range, < 0.5% F.S. accuracy.	
		SG-01-SGM-MB	Vibrating wire strain gauge for metal, 165 mm length, +/- 1500 µε measuring range, < 0.5% F.S. accuracy, with concrete mounting blocks	
		SG-08-STD-ME	Vibrating wire strandmeter for wire strand monitoring, +/-25.000 µε measuring range, < 0.5% F.S. accuracy, 200 mm length, 12 mm case diameter.	
		SG-09-SB-00	Vibrating wire for monitoring bolt, +/- 1750 µε range, < 0.5% F.S. non linearity, +/- 0.25% F.S. accuracy. 20 mm bolt diameter.	
	accessories	SG-01-SGM-01	Pair of blocks for metal strain gauge (spare).	
		SG-01-SGM-02	Vibrating wire strain gauge, only wire (spare).	
		SG-01-SGM-03	Vibrating wire coil (spare).	
		SG-01-DIM-00	Template positioning for vibrating wire strain gauge for metal.	
	embedded	SG-02-SGC-00	Vibrating wire strain gauge for concrete, 150 mm length, +/- 1500 µε measuring range, < 0.5% F.S. accuracy.	
		accessories for embedded	SG-03-NSG-00	Vibrating wire no stress gauge for concrete, 150 mm length, +/- 1500 µε measuring range, < 0.5% F.S. accuracy.
	SG-01-DIM-3D		3D template for concrete strain gauge positioning.	
	mini strain gauge	SG-07-MSG-00	Micro vibrating wire strain gauge for metal, 50.8 mm length, +/- 1750 µε measuring range, < 0.5% F.S. accuracy.	
		SG-07-MSG-01	Micro vibrating wire strain gauge for metal, body length 64.7 mm, +/- 1500 µε measuring range, < 0.5% F.S. accuracy.	
	doorstopper strain cell	ROS-01-45-00	Strain cell for doorstopper testing, 3 branches 45°, including militar male connector.	
		ROS-01-FE-00	Cable 3 m length with militar female connector for connection to strain cell.	
		ROS-02-COL-00	Two-component quick-setting resin, in packs of 50 bags.	

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resistive anchor load cell	215 mm hole	CCT-10-215-1000	Resistive anchor load cell, 215 mm hole diameter, 1000 kN F.S., 275 mm sensitive part, 300 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
	185 mm hole	CCT-01-185-125	Resistive anchor load cell, 185 mm hole diameter, 1250 kN F.S., 230 mm sensitive part, 300 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
		CCT-01-185-100	Resistive anchor load cell, 185 mm hole diameter, 1000 kN F.S., 230 mm sensitive part, 300 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
	165 mm hole	CCT-02-165-250	Resistive anchor load cell, 165 mm hole diameter, 2500 kN F.S., 190 mm sensitive part, 260 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
		CCT-02-165-180	Resistive anchor load cell, 165 mm hole diameter, 1800 kN F.S., 190 mm sensitive part, 260 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
		CCT-02-165-150	Resistive anchor load cell, 165 mm hole diameter, 1500 kN F.S., 190 mm sensitive part, 260 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
		CCT-02-165-125	Resistive anchor load cell, 165 mm hole diameter, 1250 kN F.S., 190 mm sensitive part, 260 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
		CCT-02-165-100	Resistive anchor load cell, 165 mm hole diameter, 1000 kN F.S., 190 mm sensitive part, 260 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
		CCT-02-165-75	Resistive anchor load cell, 165 mm hole diameter, 750 kN F.S., 190 mm sensitive part, 260 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
		120 mm hole	CCT-03-120-180	
	CCT-03-120-150		Resistive anchor load cell, 120 mm hole diameter, 1500 kN F.S., 155 mm sensitive part, 223 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
	CCT-03-120-125		Resistive anchor load cell, 120 mm hole diameter, 1250 kN F.S., 155 mm sensitive part, 223 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
	CCT-03-120-100		Resistive anchor load cell, 120 mm hole diameter, 1000 kN F.S., 155 mm sensitive part, 223 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
	CCT-03-120-75		Resistive anchor load cell, 120 mm hole diameter, 750 kN F.S., 155 mm sensitive part, 223 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
	CCT-03-120-50		Resistive anchor load cell, 120 mm hole diameter, 500 kN F.S., 155 mm sensitive part, 223 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
	110 mm hole	CCT-04-110-150	Resistive anchor load cell, 110 mm hole diameter, 1500 kN F.S., 135 mm sensitive part, 200 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
		CCT-04-110-125	Resistive anchor load cell, 110 mm hole diameter, 1250 kN F.S., 135 mm sensitive part, 200 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	

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resistive anchor load cell	110 mm hole	CCT-04-110-100	Resistive anchor load cell, 110 mm hole diameter, 1000 kN F.S., 135 mm sensitive part, 200 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
		CCT-04-110-75	Resistive anchor load cell, 110 mm hole diameter, 750 kN F.S., 135 mm sensitive part, 200 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
		CCT-04-110-50	Resistive anchor load cell, 110 mm hole diameter, 500 kN F.S., 135 mm sensitive part, 200 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
resistive anchor load cell	71 mm hole	CCT-05-71-125	Resistive anchor load cell, 71 mm hole diameter, 1250 kN F.S., 91 mm sensitive part, 155 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
		CCT-05-71-100	Resistive anchor load cell, 71 mm hole diameter, 1000 kN F.S., 91 mm sensitive part, 155 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
		CCT-05-71-75	Resistive anchor load cell, 71 mm hole diameter, 750 kN F.S., 91 mm sensitive part, 155 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
		CCT-05-71-50	Resistive anchor load cell, 71 mm hole diameter, 500 kN F.S., 91 mm sensitive part, 155 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
		CCT-05-71-35	Resistive anchor load cell, 71 mm hole diameter, 350 kN F.S., 91 mm sensitive part, 155 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
	50 mm hole	CCT-06-50-100	Resistive anchor load cell, 50 mm hole diameter, 1000 kN F.S., 91 mm sensitive part, 155 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
		CCT-06-50-75	Resistive anchor load cell, 50 mm hole diameter, 750 kN F.S., 91 mm sensitive part, 155 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
		CCT-06-50-50	Resistive anchor load cell, 50 mm hole diameter, 500 kN F.S., 91 mm sensitive part, 155 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
		CCT-06-50-35	Resistive anchor load cell, 50 mm hole diameter, 350 kN F.S., 91 mm sensitive part, 155 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
	40 mm hole	CCT-07-40-100	Resistive anchor load cell, 40 mm hole diameter, 1000 kN F.S., 91 mm sensitive part, 155 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
		CCT-07-40-75	Resistive anchor load cell, 40 mm hole diameter, 750 kN F.S., 91 mm sensitive part, 155 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
		CCT-07-40-50	Resistive anchor load cell, 40 mm hole diameter, 500 kN F.S., 91 mm sensitive part, 155 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
		CCT-07-40-35	Resistive anchor load cell, 40 mm hole diameter, 350 kN F.S., 91 mm sensitive part, 155 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
		CCT-07-40-10	Resistive anchor load cell, 40 mm hole diameter, 100 kN F.S., 91 mm sensitive part, 155 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
	28 mm hole	CCT-08-28-25	Resistive anchor load cell, 28 mm hole diameter, 250 kN F.S., 91 mm sensitive part, 155 mm external dimension, 40 mm thickness. +/-0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	

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resistive anchor load cell	25 mm hole	CCT-09-25-21	Resistive anchor load cell, 25 mm hole diameter, 210 kN F.S., 45 mm sensitive part, 60 mm external dimension, 60 mm thickness. +/- 0.02% F.S. repeatability , mV/V output, 150% F.S. admissible load, stainless steel made.	
	accessory	CCT-07-CON-00	4-20 mA signal converter	
	distribution plate	CCT-11-PD-40	galvanized steel distribution plate for 40 hole anchor load cell, OD 110 mm, thickness 30 mm.	
		CCT-11-PD-50	galvanized steel distribution plate for 50 hole anchor load cell, OD 110 mm, thickness 30 mm.	
		CCT-11-PD-71	galvanized steel distribution plate for 71 hole anchor load cell, OD 110 mm, thickness 30 mm.	
		CCT-11-PD-110	galvanized steel distribution plate for 110 hole anchor load cell, OD 155 mm, thickness 30 mm.	
		CCT-11-PD-120	galvanized steel distribution plate for 120 hole anchor load cell, OD 180 mm, thickness 30 mm.	
		CCT-11-PD-165	galvanized steel distribution plate for 165 hole anchor load cell, OD 210 mm, thickness 30 mm.	
		CCT-11-PD-185	galvanized steel distribution plate for 185 hole anchor load cell, OD 240 mm, thickness 30 mm.	
		CCT-11-PD-215	galvanized steel distribution plate for 215 hole anchor load cell, OD 280 mm, thickness 30 mm.	

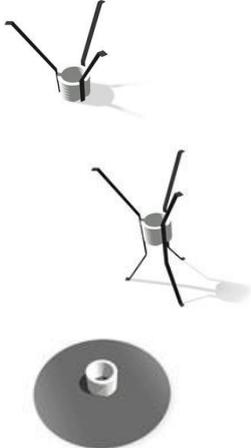
<i>category</i>	<i>sub category</i>	<i>product code</i>	<i>technical features</i>	<i>details</i>
Hydraulic anchor load cell	with analog gauge	CTI-01-210M	Stainless steel hydraulic anchor load cell. 210 mm hole diameter, 405 mm external diameter , 2200 kN F.S. Analogical pressure gauge with stainless steel case, 100 mm dial diameter, IP 65 protection class, 1% F.S. accuracy class, bar measure unit.	
		CTI-01-150M	Stainless steel hydraulic anchor load cell. 150 mm hole diameter, 320 mm external diameter , 1500 kN F.S. Analogical pressure gauge with stainless steel case, 100 mm dial diameter, IP 65 protection class, 1% F.S. accuracy class, bar measure unit.	
		CTI-01-115M	Stainless steel hydraulic anchor load cell. 115 mm hole diameter, 265 mm external diameter , 1000 kN F.S. Analogical pressure gauge with stainless steel case, 100 mm dial diameter, IP 65 protection class, 1% F.S. accuracy class, bar measure unit.	
		CTI-01-075M	Stainless steel hydraulic anchor load cell. 75 mm hole diameter, 190 mm external diameter, 500 kN F.S. Analogical pressure gauge with stainless steel case, 100 mm dial diameter, IP 65 protection class, 1% F.S. accuracy class, bar measure unit.	
		CTI-01-050M3	Stainless steel hydraulic anchor load cell. 50 mm hole diameter, 170 mm external diameter, 600 kN F.S. Analogical pressure gauge with stainless steel case, 100 mm dial diameter, IP 65 protection class, 1% F.S. accuracy class, bar measure unit.	
		CTI-01-050M2	Stainless steel hydraulic anchor load cell. 50 mm hole diameter, 160 mm external diameter, 500 kN F.S. Analogical pressure gauge with stainless steel case, 100 mm dial diameter, IP 65 protection class, 1% F.S. accuracy class, bar measure unit.	
		CTI-01-050M1	Stainless steel hydraulic anchor load cell. 50 mm hole diameter, 150 mm external diameter, 400 kN F.S. Analogical pressure gauge with stainless steel case, 100 mm dial diameter, IP 65 protection class, 1% F.S. accuracy class, bar measure unit.	
		CTI-01-040M	Stainless steel hydraulic anchor load cell. 40 mm hole diameter, 140 mm external diameter, 300 kN F.S. Analogical pressure gauge with stainless steel case, 100 mm dial diameter, IP 65 protection class, 1% F.S. accuracy class, bar measure unit.	
	with 4/20 mA pressure transducer	CTI-02-150T	Stainless steel hydraulic anchor load cell with piezoresistive pressure transducer. 150 mm hole diameter, 320 mm external diameter, 1500 kN F.S. 4-20 mA output. IP 68 protection class.	
		CTI-02-115T	Stainless steel hydraulic anchor load cell with piezoresistive pressure transducer. 115 mm hole diameter, 265 mm external diameter, 1000 kN F.S. 4-20 mA output. IP 68 protection class.	
		CTI-02-075T	Stainless steel hydraulic anchor load cell with piezoresistive pressure transducer. 75 mm hole diameter, 190 mm external diameter, 500 kN F.S. 4-20 mA output. IP 68 protection class.	
		CTI-02-040T	Stainless steel hydraulic anchor load cell with piezoresistive pressure transducer. 40 mm hole diameter, 140 mm external diameter, 300 kN F.S. 4-20 mA output. IP 68 protection class.	
	with VW transducer	CTI-02-150VW	Stainless steel hydraulic anchor load cell with vibrating wire pressure transducer. 150 mm hole diameter, 320 mm external diameter, 1500 kN F.S. Herz/digit output. IP 68 protection class.	
		CTI-02-115VW	Stainless steel hydraulic anchor load cell with vibrating wire pressure transducer. 115 mm hole diameter, 265 mm external diameter, 1000 kN F.S. Herz/digit output. IP 68 protection class.	
		CTI-02-075VW	Stainless steel hydraulic anchor load cell with vibrating wire pressure transducer. 75 mm hole diameter, 190 mm external diameter, 500 kN F.S. Herz/digit output. IP 68 protection class.	
		CTI-02-040VW	Stainless steel hydraulic anchor load cell with vibrating wire pressure transducer. 40 mm hole diameter, 140 mm external diameter, 300 kN F.S. Herz/digit output. IP 68 protection class.	

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load cell	hydraulic load cell, 4-20 mA output	CC-06-ID-300	3000 kN hydraulic load cell. 220 mm plate diameter, 35 mm thickness, piezoresistive pressure transducer with +/- 0.5% F.S. accuracy, 4-20 mA output, stainless steel sensor casing, IP 68 protection class.	
		CC-01-ID-190	1900 kN hydraulic load cell. 220 mm plate diameter, 35 mm thickness, piezoresistive pressure transducer with +/- 0.5% F.S. accuracy, 4-20 mA output, stainless steel sensor casing, IP 68 protection class.	
		CC-01-ID-136	1365 kN hydraulic load cell. 220 mm plate diameter, 35 mm thickness, piezoresistive pressure transducer with +/- 0.5% F.S. accuracy, 4-20 mA output, stainless steel sensor casing, IP 68 protection class.	
	hydraulic load cell, VW output	CC-01-ID-220VW	2200 kN hydraulic load cell. 220 mm plate diameter, 35 mm thickness, vibrating wire pressure transducer, Herz/digit output, +/- 0,1% F.S. accuracy, stainless steel sensor casing, IP 68 protection class.	
		CC-01-ID-120VW	1200 kN hydraulic load cell. 220 mm plate diameter, 35 mm thickness, vibrating wire pressure transducer, Herz/digit output, +/- 0,1% F.S. accuracy, stainless steel sensor casing, IP 68 protection class.	
	resistive load cell	CC-03-RE-600	6000 kN resistive load cell, 210 mm plate diameter, 250 mm thickness, mV/V output. < 0.05% F.S. repeatability, 150% F.S. admissible load, made of stainless steel.	
		CC-02-RE-300	3000 kN resistive load cell, 300 mm plate diameter, 40 mm thickness, mV/V output. > +/- 0.02 % F.S. repeatability, 150% F.S. admissible load, made of stainless steel.	
		CC-02-RE-190	1900 kN resistive load cell, 260 mm plate diameter, 40 mm thickness, mV/V output. > +/- 0.02 % F.S. repeatability, 150% F.S. admissible load, made of stainless steel.	
	accessory	CC-04-CON-00	4-20 mA signal converter.	

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electrical cable	2 signal cables	CAV-02-2P-CP	2 x 1 x 0.32 mm ² signal cable, 22 AWG, green, 1 twisted pair, reinforced with PE spun, tin-plated copper, PUR outer sheath, PE individual conductor sheath, metal braid. 5.3 mm outer diameter.	
	vented 2 signal cables	CAV-02-2P-PZT	2 x 1 x 0.32 mm ² signal cable, 22 AWG, cyan, 1 twisted pair, Nylon atmospheric pressure compensation tube, reinforced with PE spun, tin-plated copper, PUR outer sheath, PE individual conductor sheath, drain wire. 5.6 mm outer diameter.	
	vented 4 signal cables	CAV-02-4P-PZT	4 x 0.32 mm ² signal cable, 22 AWG, cyan, Riisan atmospheric pressure compensation tube, reinforced with PE spun, tin-plated copper, PUR outer sheath, PE individual conductor sheath, drain wire. 8.2 mm outer diameter.	
	4 signal cables	CAV-01-4P-SG	2 x 2 x 0.20 mm ² signal cable, 24 AWG, black, 4 wires, tin-plated copper, PUR outer sheath, PE individual conductor sheath, drain wire. 5.5 mm outer diameter.	
	4 signal cables RS485	CAV-01-4P-485P	2x0.32 mm ² shielded signal cable, 22 AWG+ 2x2mm ² shielded power cable 14 AWG. Tinned copper, blue PUR outer sheath, PE individual conductor sheath. 10.8 mm outer diameter. RS485 digital data transmission.	
		CAV-01-4P-485	2 x 2 x 0.32 mm ² signal cable, 22 AWG, lilac, 2 shielded twisted pairs, tin-plated copper, PUR outer sheath, PE individual conductor sheath, 6.2 mm outer diameter. RS485 digital data transmission.	
	6 signal cables	CAV-03-6P-CC	6 x 0.32 mm ² signal cable, 22 AWG, red, 6 conductors, reinforced with PE spun, tin-plated copper, PUR outer sheath, PE individual conductor sheath, metal braid. 6.2 mm outer diameter.	
	10 signal cables	CAV-06-10P-00	10 x 0.32 mm ² signal cable, 22 AWG, grey, 10 conductors, reinforced with PE spun, tin-plated copper, PUR outer sheath, PE individual conductor sheath. Metal braid. 7.5 mm outer diameter.	
	16 signal cables	CAV-04-16P-00	8 x 2 x 0.32 mm ² signal cable, 22 AWG, orange, 8 twisted pairs, PVC outer sheath, PE individual conductor sheath, drain wire. 9.20 mm outer diameter. Colour code DIN 47100.	
	32 signal cables	CAV-05-32P-00	16 x 2 x 0.32 mm ² signal cable, 22 AWG, yellow, 16 twisted pairs, PVC outer sheath, PE individual conductor sheath, drain wire. 12.30 mm outer diameter. Colour code DIN 47100.	

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corrugated tube	50 mm	COR-02-50-00	PE double layer corrugated tube. 50 mm internal diameter.	
	20 mm	COR-01-20-00	PE corrugated tube. 20 mm internal diameter.	
centralization and reading panel	6 positions	PAN-01-6P-01	Universal panel with 6-position selector in 315 x 235 x 135 mm cabinet, IP 55 protection class. 1 selector.	
	12 positions	PAN-02-12P-02	Universal panel with 6-position selector in 315 x 235 x 135 mm cabinet, IP 55 protection class. 2 selector.	
	18 positions	PAN-03-18P-03	Universal panel with 6-position selector in 315 x 235 x 135 mm cabinet, IP 55 protection class. 3 selector.	
	24 positions	PAN-03-24P-04	Universal panel with 6-position selector in 395 x 315 x 165 mm cabinet, IP 55 protection class. 4 selector.	
	36 positions	PAN-03-24P-04	Universal panel with 6-position selector in 395 x 315 x 165 mm cabinet, IP 55 protection class. 6 selector.	
centralisation box		BOX-01-18P-00	PVC cabinet measuring 315 x 235 x 135 mm, IP 55 protection class.	
		BOX-02-54P-00	PVC cabinet measuring 395 x 315 x 165 mm, IP 55 protection class.	
		BOX-03-2P-00	PVC junction box, 2 positions, dimensions 130 x 130 x 50 mm. IP 66 protection class.	
		BOX-04-8P-00	PVC junction box, 8 positions, dimensions 200 x 150 x 75 mm. IP 66 protection class.	

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PVC tube for piezometer	1/2"	TP-03-TU-0.5P	Blind M-M gas PVC tube, 1/2" diameter, complete with coupling sleeve, in 3 m lengths.	
		TP-03-TT-0.5P	Top plug for 1/2" piezometric tube.	
	1" 1/2"	TP-05-TU-1.5P	Blind M-M gas PVC tube, 1" 1/2 diameter, complete with coupling sleeves, in 3 m lengths.	
		TP-05-FI-1.5P	Slotted M-M gas PVC tube, 1" 1/2 diameter, complete with coupling sleeves, in 3 m lengths.	
		TP-09-PU-1,5	Bottom plug for 1"1/2 piezometric tube.	
		TP-10-TT-1,5	Top plug for 1"1/2 piezometric tube.	
	2"	TP-01-TU-2P	Blind M-M gas PVC tube, 2" diameter, complete with coupling sleeves, in 3 m lengths.	
		TP-01-FI-2P	Slotted M-M gas PVC tube, 2" diameter, complete with coupling sleeves, in 3 m lengths.	
		TP-01-PU-2P	Bottom plug for 2" piezometric tube.	
	3"	TP-02-TU-3P3	Blind M-M gas PVC tube, 3" diameter, complete with coupling sleeves, 4.6 mm thickness, in 3 m lengths.	
		TP-02-FI-3P	M-M gas PVC filter tube, 3" diameter, complete with coupling sleeves, 4.6 mm thickness, in 3 m lengths.	
		TP-02-PU-3P	Bottom plug for 3" piezometric tube.	
Phreatic water level meter	30 m	FR-01-FRT-30	Phreatic water level meter, round-sheath cable with 2 conductors and stainless steel core. Markings every cm, acoustic and visual signal, knob for adjusting sensitivity. Probe dim. 12 mm x 120 mm length. 100 m	
	50 m	FR-01-FRT-50		
	100 m	FR-01-FRT-100		
	150 m	FR-01-FRT-150		
	200 m	FR-01-FRT-200		
	300 m	FR-01-FRT-300		
	30 m	FR-02-FRP-30	Phreatic water level meter, plate cable with 2 conductors and stainless steel core. Markings every cm, acoustic and visual signal, knob for adjusting sensitivity. Probe dimension 12 mm x 120 mm length. Powered by 9 Volt battery. 30, 50, 100, 150, 200, 250 mm cable.	
	50 m	FR-02-FRP-50		
	100 m	FR-02-FRP-100		
	150 m	FR-02-FRP-150		
	200 m	FR-02-FRP-200		
	300 m	FR-02-FRP-300		
PVC cover		CH-03-ME-140	PVC cover. 140 x 500 mm round section.	
Casagrande cell	1/2"	CC-01-0.5-0.5	Casagrande cell, 0.5-0.5" connection.	
	1" 1/2"	CC-02-0.5-1.5	Casagrande cell, 0.5-1.5" connection.	
	accessory	CC-03-PZ-1,5	1 " 1/2 suspension plug for electric piezometer sensor.	

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ABS-PVC inclinometer casing and accessories	shaped settlement ring	TIABS-01-AO-00	Brass shaped settlement ring, 72.5 mm internal diameter, 84 mm external diameter, complete with fixing screws.	
		TIABS-02-AM-00	ABS shaped magnetic settlement ring, 72.5 mm internal diameter, 92 mm external diameter, complete with fixing screws.	
		TIABS-02-AM-01	ABS shaped magnetic settlement ring for borehole, 72.5 mm internal diameter, 92 mm external diameter, with 3 sprig iron arms.	
		TIABS-02-AM-02	ABS shaped magnetic settlement ring for borehole, 72.5 mm internal diameter, 92 mm external diameter, with 6 sprig iron arms.	
		TIABS-02-AM-03	ABS shaped magnetic settlement ring, 72.5 mm internal diameter, 92 mm external diameter, 300 mm plate external diameter.	
		TIABS-03-DI-00	Stainless steel template for rings positioning.	
	ABS casing 5 mm thickness	TIABS-12-QJ	ABS inclinometer casing, 60 mm internal diameter, 70 mm external diameter, 5 mm thickness, 3 m length with quick joint.	
		TIABS-12-TS	ABS inclinometer casing, 60 mm internal diameter, 70 mm external diameter, 5 mm thickness, 3 m length with telescopic section (+/- 100 mm admissible movement).	
		TIABS-12-MQJ	Self-aligning coupling sleeve for inclinometers with quick joint, 60-70 mm.	
	PVC casing 6,5 mm thickness	TIDU-07-TI-5770	PVC inclinometer casing, 57 mm internal diameter, 70 mm external diameter, 6,5 mm thickness, 3 m lengths.	
		TIDU-08-MA-5770	Self-aligning coupling sleeve for inclinometers, 57-70 mm.	
	plug	TIDU-09-F-70	PVC bottom plug inclinometer.	
		TIDU-10-T-70	PVC top plug for inclinometer.	
aluminum casing	3" casing	TIAL-01-TI-3P	3" aluminum inclinometer casing, 76.6 mm internal diameter, 80.5 mm external diameter, in 3 m lengths.	
		TIAL-02-MA-3P	Aluminum coupling sleeve for 3" inclinometer casings.	
	plug	TIAL-03-F-3P	PVC bottom plug for 3" inclinometer.	
		TIAL-04-T-3P	PVC top plug for 3" inclinometer.	
	assembling kit	TIAL-05-KIT	Assembling kit for 100 m inclinometer casing (rivets + silicone + silicone gun + adhesive tape + riveter).	

<i>category</i>	<i>sub category</i>	<i>product code</i>	<i>technical features</i>	<i>details</i>
fixed inclinometer probe for boreholes	MEMS sensor	SIF-01-MEMS-10	MEMS fixed inclinometer probe for boreholes, biaxial, +/- 10° measurement range, 0.001° resolution, +/- 0.1% F.S. total accuracy, from -10 to +40°C operating temperature, 1000 mm distance between slide units.	
		SIF-02-MEMS-20	MEMS fixed inclinometer probe for boreholes, biaxial, +/- 20° measurement range, 0.001° resolution, +/- 0.1% F.S. total accuracy, from -10 to +40°C operating temperature, 1000 mm distance between slide units.	
	electrolytic sensor, 485 communication modality	SIF-06-EL-485	Electrolytic fixed inclinometer probe for boreholes, biaxial, +/-10° measurement range, 0.015 % F.S. total accuracy, from -10 to +40°C operating temperature, 1000 mm distance between slide units. 485 digital communication modality.	
		SIF-07-EL-485	Electrolytic fixed inclinometer probe for boreholes, biaxial, +/-14,5° measurement range, 0.015 % F.S. total accuracy, from -10 to +40°C operating temperature, 1000 mm distance between slide units. 485 digital communication modality.	
	accessories	SIF-04-TS-00	Top cap for inclinometer.	
		SIF-05-CI-15	Stainless steel cable, 1,5 mm diameter.	
		SIF-06-CON-00	Flying connector IP68 (1MPa) in thermoplastic material (couple)	
fixed extensoinclinometer probe	monoaxial	SEIF-01-SEIF-15M	Fixed extensoinclinometer probe. Inclinometer: +/-15° F.S., MEMS type operation, uniaxial, <0.5% non linearity, stainless steel slide unit with 1000 mm pitch fiber wheels, 24 Vdc supply, 0-10 Vdc output. Strain gauge: +/- 50 mm F.S., 24 Vdc supply, 0-10 V or +/- 5 V output, 0.01 mm resolution, 0.005% F.S./°C temperature coefficient, 0.01 mm resolution, 38 mm maximum diameter, 1230 mm length with clips.	
	biaxial	SEIF-01-SEIF-15B	Fixed extensoinclinometer probe. Inclinometer: +/-15° F.S., MEMS type operation, biaxial, <0.5% F.S. non linearity, stainless steel slide unit with 1000 mm pitch fiber wheels, 24 Vdc supply, 0-10 Vdc output. Strain gauge: +/- 50 mm F.S., +24 Vdc supply, 0-10 Vdc or +/- 5 Vdc output, 0.01 mm resolution, 0.005% F.S./°C temperature coefficient, 0.01 mm resolution, 38 mm maximum diameter, 1230 mm length with clips.	
fixed extensimeter probe		SEF-01-SEF-100	Fixed extensometer probe. Strain gauge: +/- 50 mm F.S., 24 Vdc supply, 0-10 V or +/- 5 V output, 0.01 mm resolution, 0.005% F.S./°C temperature coefficient, 38 mm maximum diameter, 1230 mm length with clips.	

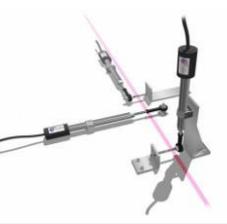
<i>category</i>	<i>sub category</i>	<i>product code</i>	<i>technical features</i>	<i>details</i>
removable biaxial inclinometer system	vertical servo accelerometer system	SIR-01-SIS-00	Biaxial servo-accelerometer inclinometer probe, +/- 30° F.S., 20,000 sen α resolution, <0.02° % on F.S. non linearity, +/- 3 mm/30 m total system accuracy.	
	vertical MEMS system	SIR-02-SIM-00	Biaxial MEMS inclinometer probe, +/- 15, +/- 30° F.S., 20,000 sen α resolution, <0.1° % non linearity on F.S., +/- 3 mm/30 m total system accuracy.	
	horizontal MEMS system	SIR-03-SIO-00	Horizontal MEMS inclinometer probe, +/- 15, +/- 30° F.S. in relation to the horizontal plane, 20,000 sen α resolution, <0.057° % of F.S. non linearity, double connector for compensated measurements, airtight plugs with eyebolts for fastening steel cable.	
	read out unit	EIR-02-DT-00	Datalogger for measures management, including connection for data download software and cables. 24FJ microprocessor, 64 Kbytes internal memory, backlit LCD display, direct output with USB cable, external charger. Autonomy of use >5 hours. 280 x 260 x 120 mm ABS enclosure, 2.85 kg weight. Operating temperature from -30 to + 50 ° C. Displaying in mm of the centering position, displaying of measurement position, audible signal at reaching of measurement position.	
	cable roll	EIR-03-CAV-50	50 m cable roll, polyurethane outer sheath and stainless steel torsion resistant inner sheath, with 2.5 mm steel core. 6 x 0.5 mm diameter conductors. Measurement notches copper crimp every 50 cm, with reference notches every 10. Tensile strength 6000 N approximately.	
	accessories	SIR-02-CAV-01	Inclinometer cable, pitch 0.5 m with crimped markings, tin-plated copper. 7000 N approx tensile strength.	
		SIR-02-CAV-03P	Dummy probe 50 cm step, 73 cm length, 3 cm diameter, 2 kg weight. Made of stainless steel. Centimeter marking cable, mounted on reel and covered by polyethylene film 6 mm diameter, >150 kg tensile strength. With 200 m cable.	
		SIR-02-CAV-04P	Dummy probe 50 cm step, 73 cm length, 3 cm diameter, 2 kg weight. Made of stainless steel. Centimeter marking cable, mounted on reel and covered by polyethylene film 6 mm diameter, >150 kg tensile strength. With 150 m cable.	
		SIR-02-CAV-05P	Dummy probe 50 cm step, 73 cm length, 3 cm diameter, 2 kg weight. Made of stainless steel. Centimeter marking cable, mounted on reel and covered by polyethylene film 6 mm diameter, >150 kg tensile strength. With 100 m cable.	
		SIR-02-CAV-06P	Dummy probe 50 cm step, 73 cm length, 3 cm diameter, 2 kg weight. Made of stainless steel. Centimeter marking cable, mounted on reel and covered by polyethylene film 6 mm diameter, >150 kg tensile strength. With 50 m cable.	
	removable incremental system	probe	EIR-01-SO-100	
read out unit		EIR-02-DT-00	Datalogger for measures management, including connection for data download software and cables. 24FJ microprocessor, 64 Kbytes internal memory, backlit LCD display, direct output with USB cable, external charger. Autonomy of use >5 hours. 280 x 260 x 120 mm ABS enclosure, 2.85 kg weight. Operating temperature from -30 to + 50 ° C. Displaying in mm of the centering position, displaying of measurement position, audible signal at reaching of measurement position.	
cable roll		EIR-03-CAV-50	50 m cable roll, polyurethane outer sheath and stainless steel torsion resistant inner sheath, with 2.5 mm steel core. 6 x 0.5 mm diameter conductors. Measurement notches copper crimp every 50 cm, with reference notches every 10. Tensile strength 6000 N approximately.	
rod		EIR-04-AS-2	2 m rod with bayonet mount.	

<i>category</i>	<i>sub category</i>	<i>product code</i>	<i>technical features</i>	<i>details</i>
<i>magnet extensometer</i>	magnetic bore-hole ring	BRS-01-AMF-00	Magnetic ring for borehole, in plastic material with ferrite magnetic element and spring iron fastenings, 300 mm length, 60 mm internal diameter, 86 mm external diameter.	
	plate type magnetic ring	BRS-01-AMR-00	Plate type magnetic ring in plastic material, with ferrite magnetic element. 60 mm internal diameter, 300 mm plate diameter.	
	1,5 m guide tube	BRS-02-TG-1.5	PVC guide tube, 22 mm internal diameter, 33 mm external diameter, 1.5 m lengths.	
	3 m guide tube	BRS-02-TG-3.0	PVC guide tube, 22 mm internal diameter, 33 mm external diameter, in 3 m lengths.	
	PVC corrugated tube	BRS-03-CG-3.0	PVC corrugated tube, 55 mm internal diameter, 1 mm thickness.	
	end piece	BRS-04-TF-00	End terminal in polyethylene, 60 mm internal diameter, 1000 mm length, 900 mm stroke and magnetic reference ring.	
	top piece	BRS-05-TT-00	Top terminal with topographic datum point.	
	accessory	BRS-07-SA-00	Steel tool to push ring, 3/8 " attack.	
	probe	BRS-06-SA-50M	Magnetic settlement probe with 50 m tape divided into millimeter and roller.	
		BRS-06-SA-100M	Magnetic settlement probe with 100 m tape divided into millimeter and roller.	
		BRS-06-SA-50C	Magnetic settlement probe with 50 m tape divided into centimeter and roller.	
		BRS-06-SA-100C	Magnetic settlement probe with 100 m tape divided into centimeter and roller.	
<i>fixed extensometer</i>	steel plate	ASP-01-PT-00	Galvanized 500 x 500 x 1.5 mm steel plate with 3/4 connection for measurement rod.	
	bore-hole fastening	TT-01-AP-00	500 mm borehole fastening, 60 mm diameter.	
	3000 mm measuring rod	ASP-04-AP-00	Measuring rod, 25 mm external diameter, 3000 mm length, galvanized steel.	
	2000 mm measuring rod	ASP-02-AM-00	Measuring rod, 25 mm external diameter, 2000 mm length, galvanized steel.	
	1000 mm measuring rod	ASP-03-AM-00	Measuring rod, 25 mm external diameter, 1000 mm length, galvanized steel.	
	corrugated sleeve	ASP-01-TU-00	55 mm diameter corrugated sheath, including casing holder ring (top and bottom) in PVC.	
	brass cap	ASP-01-BO-00	Topographic brass cap.	
<i>liquid settlement system</i>	weight scale	AST-01-BI-00	+/- 40 mm scale-type level meter, 0.01 mm sensitivity, +/- 0.1 mm precision, 4-20 mA output.	
	glycerine mixture	AST-02-GL-00	Water-glycerine mixture for hydraulic circuit.	
	thermal insulation	AST-03-IT-00	Polyethylene thermal insulation for tubes, 3 m length, with PVC stiffening pipe.	
	tube	AST-04-PO-00	Polyethylene tube, 12 mm external diameter.	

<i>category</i>	<i>sub category</i>	<i>product code</i>	<i>technical features</i>	<i>details</i>
temperature probe	NTC	TE-01-NTC-00	NTC temperature sensor, stainless steel casing, from -55°C to +150°C operating temperature, 0.5°C precision.	
	PT100	TE-02-PT-100	PT100 temperature sensor, stainless steel casing, from -55°C to +150°C operating temperature, 0.2°C precision.	
Termo Strings	NTC	TET-01-NTC-04	Termo string 4 NTC	
		TET-01-NTC-08	Termo string 8 NTC	
		TET-01-NTC-12	Termo string 12 NTC	
		TET-01-NTC-16	Termo string 16 NTC	
	PT100	TET-02-PT100-4	Termo string 4 PT100	
		TET-02-PT100-8	Termo string 8 PT100	
humidity-temperature probe		SU-01-NTC	Humidity sensor, +/- 3.5% relative humidity accuracy, from 0 to 100% relative humidity, -40 ° C + 80 ° C operating temperature, integrated NTC temperature sensor. 12 mm ABS sheath diameter, 115 mm length.	

category	sub category	product code	technical features	details
MEMS- electrolytic tiltmeter	portable tilt meter	CP-07-TILLI-10	Portable tilt meter, +/- 10° F.S. +/- 0.01% F.S. accuracy, 0-5 V output, mounted on stainless steel frame for measurements on horizontal and vertical planes.	
		CP-07-TILLI-BA	Aluminum tilt plate with Teflon coating. Low coefficient of thermal expansion, good heat resistance, anti-abrasion. 142 mm outside diameter, 62 mm inner diameter, 24 mm height, 5,8 kg weight.	
	MEMS	CP-01-MEMS-5	Biaxial MEMS wall-mounted tilmeter, +/-5° F.S., +/- 0.2% F.S. accuracy, 4-20 mA output, with thermistor for temperature variations measure.	
	electrolytic, 485 digital modality	CP-06-DG-5	Biaxial electrolytic wall-mounted tilmeter, +/-5° measurement range, 0.015 % F.S. total accuracy, 485 digital communication modality.	
		CP-06-DG-10	Biaxial electrolytic wall-mounted tilmeter, +/-10° measurement range, 0.015 % F.S. total accuracy, 485 digital communication modality.	
		CP-06-DG-20	Biaxial electrolytic wall-mounted tilmeter, +/-14,5° measurement range, 0.015 % F.S. total accuracy, 485 digital communication modality.	
	electrolytic sensor, +/- 4,5°	CP-05-EL-4,5	Biaxial electrolytic wall-mounted tilmeter, +/- 4,5° measuring range, +/- 0.01% F.S. accuracy, 0-5 V output. Integrated temperature sensor.	
	electrolytic sensor, +/- 10°	CP-05-EL-10	Biaxial electrolytic wall-mounted tilmeter, +/- 10° measuring range, +/- 0.01% F.S. accuracy, 0-5 V output. Integrated temperature sensor.	
	electrolytic sensor, +/- 0,5°	CP-08-EL-05	Uniaxial electrolytic wall-mounted tilmeter, +/- 0,5° measuring range, +/- 0.00014° accuracy, 0-5 V output.	
	electrolytic sensor, +/- 1°	CP-08-EL-1	Uniaxial electrolytic wall-mounted tilmeter, +/- 1° measuring range, +/- 0.00083° accuracy, 0-5 V output.	
	electrolytic sensor, +/- 3°	CP-08-EL-3	Uniaxial electrolytic wall-mounted tilmeter, +/- 3° measuring range, +/- 0.0009° accuracy, 0-5 V output.	
	accessories	CP-06-CON-00	Waterproof connector (couple)	
		CP-06-DIS-00	Electrical overvoltages protection module	
		CP-03-SS-00	Stainless steel ball joint.	
		CP-04-BA-100	1000 x 30 x 80 mm aluminum rod for clinometer fixing, 2 mm thickness, fixing brackets included.	
		CP-04-BA-200	2000 x 30 x 80 mm aluminum rod for clinometer fixing, 2 mm thickness, fixing brackets included.	
		CP-04-BA-300	3000 x 40 x 80 mm aluminum rod for clinometer fixing, 2 mm thickness, fixing brackets included.	
CP-04-BAS-300		3000 x 40 x 80 mm aluminum rod, 2 mm thickness.		
CP-05-BA-ST		Bracket with ball joint for aluminum rod, with fixing plate.		
CP-04-BA-3		100 x 60 x 75 mm stainless steel baseplate, 2 mm thickness, for tilmeter fixing.		
CP-04-BA-4		100 x 60 x 75 mm stainless steel baseplate, 3 mm thickness, to fix miniprism on tilmeter.		
CP-09-S20-5		Voltage regulator from 20 to 5 Volt, for higher power supply.		

category	sub category	product code	technical features	details
rods extensometer	6 based for fiber glass rod	EM-01-TE-6	Measuring head for fiberglass rods, 6 bases, for linear displacement transducers. 7 mm diameter fiberglass inserted in a protective nylon sheath, lower anchorage made of improved adherence steel. Supplied pre-assembled and ready for manual or automatic measurement.	
	5 based for fiber glass rod	EM-01-TE-5	Measuring head for fiberglass rods, 5 bases, for linear displacement transducers. 7 mm diameter fiberglass inserted in a protective nylon sheath, lower anchorage made of improved adherence steel. Supplied pre-assembled and ready for manual or automatic measurement.	
	4 based for fiber glass rod	EM-01-TE-4	Measuring head for fiberglass rods, 4 bases, for linear displacement transducers. 7 mm diameter fiberglass inserted in a protective nylon sheath, lower anchorage made of improved adherence steel. Supplied pre-assembled and ready for manual or automatic measurement.	
	3 based for fiber glass rod	EM-01-TE-3	Measuring head for fiberglass rods, 3 bases, for linear displacement transducers. 7 mm diameter fiberglass inserted in a protective nylon sheath, lower anchorage made of improved adherence steel. Supplied pre-assembled and ready for manual or automatic measurement.	
	2 based for fiber glass rod	EM-01-TE-2	Measuring head for fiberglass rods, 2 bases, for linear displacement transducers. 7 mm diameter fiberglass inserted in a protective nylon sheath, lower anchorage made of improved adherence steel. Supplied pre-assembled and ready for manual or automatic measurement.	
	1 based for fiber glass rod	EM-01-TE-1	Measuring head for fiberglass rods, 1 bases, for linear displacement transducers. 7 mm diameter fiberglass inserted in a protective nylon sheath, lower anchorage made of improved adherence steel. Supplied pre-assembled and ready for manual or automatic measurement.	
	fiberglass rod	EM-02-VTR-7	Sheathed fiberglass rod, 7 mm diameter.	
	6 based for steel-invar rod	EM-01-ME-6	Measuring head for steel rods, 6 bases, for linear displacement transducers. Stainless steel or invar rods in 1/2 " PVC conduit, lower anchorage made of improved adherence steel. To assemble on site and arranged for manual or automatic reading.	
	5 based for steel-invar rod	EM-01-ME-5	Measuring head for steel rods, 5 bases, for linear displacement transducers. Stainless steel or invar rods in 1/2 " PVC conduit, lower anchorage made of improved adherence steel. To assemble on site and arranged for manual or automatic reading.	
	4 based for steel-invar rod	EM-01-ME-4	Measuring head for steel rods, 4 bases, for linear displacement transducers. Stainless steel or invar rods in 1/2 " PVC conduit, lower anchorage made of improved adherence steel. To assemble on site and arranged for manual or automatic reading.	
	3 based for steel-invar rod	EM-01-ME-3	Measuring head for steel rods, 3 bases, for linear displacement transducers. Stainless steel or invar rods in 1/2 " PVC conduit, lower anchorage made of improved adherence steel. To assemble on site and arranged for manual or automatic reading.	
	2 based for steel-invar rod	EM-01-ME-2	Measuring head for steel rods, 2 bases, for linear displacement transducers. Stainless steel or invar rods in 1/2 " PVC conduit, lower anchorage made of improved adherence steel. To assemble on site and arranged for manual or automatic reading.	
	1 based for steel-invar rod	EM-01-ME-1	Measuring head for steel rods, 1 bases, for linear displacement transducers. Stainless steel or invar rods in 1/2 " PVC conduit, lower anchorage made of improved adherence steel. To assemble on site and arranged for manual or automatic reading.	
	steel-invar rod	EM-05-INOX-8	Stainless steel rod, 8 mm diameter. 1.5 m lengths.	
		EM-06-INVAR-8	Stainless steel rod, 8 mm diameter. 1 m lengths.	
	PVC protection	EM-03-CP-00	50 mm transducer PVC protection cap.	
		EM-03-CP-20	150-200 mm transducer PVC protection cap.	
		EM-03-CP-MA	PVC protection cap for manual readings.	

<i>category</i>	<i>sub category</i>	<i>product code</i>	<i>technical features</i>	<i>details</i>
rod extensometer	potentiometric transducer	EM-04-TRD-150	Potentiometric displacement transducer, 150 mm F.S., +/- 0.01% F.S. accuracy. Resolution virtually infinite, IP 67 protection class, stainless steel.	
		EM-04-TRD-100	Potentiometric displacement transducer, 100 mm F.S., +/- 0.01% F.S. accuracy. Resolution virtually infinite, IP 67 protection class, stainless steel.	
		EM-04-TRD-50	Potentiometric displacement transducer, 50 mm F.S., +/- 0.01% F.S. accuracy. Resolution virtually infinite, IP 67 protection class, stainless steel.	
	vibrating wire transducer	EM-07-VW-300	Vibrating wire displacement transducer, 300 mm F.S., +/- 0.1% F.S. accuracy. +/-0.025% F.S. resolution, IP 67 protection class, stainless steel.	
		EM-07-VW-200	Vibrating wire displacement transducer, 200 mm F.S., +/- 0.1% F.S. accuracy. +/-0.025% F.S. resolution, IP 67 protection class, stainless steel.	
		EM-07-VW-150	Vibrating wire displacement transducer, 150 mm F.S., +/- 0.1% F.S. accuracy. +/-0.025% F.S. resolution, IP 67 protection class, stainless steel.	
		EM-07-VW-100	Vibrating wire displacement transducer, 100 mm F.S., +/- 0.1% F.S. accuracy. +/-0.025% F.S. resolution, IP 67 protection class, stainless steel.	
		EM-07-VW-50	Vibrating wire displacement transducer, 50 mm F.S., +/- 0.1% F.S. accuracy. +/-0.025% F.S. resolution, IP 67 protection class, stainless steel.	
		EM-07-VW-25	Vibrating wire displacement transducer, 25 mm F.S., +/- 0.1% F.S. accuracy. +/-0.025% F.S. resolution, IP 67 protection class, stainless steel.	
	digital centesimal comparator	EM-11-CC-50	Digital centesimal comparator, manual, for multipoint borehole rod extensometer.	
crack meter	potentiometric	FE-11-MF-66-20	Micro-potentiometric crack meter, IP 66 protection class. 20 mm F.S., 0.01 mm accuracy.	
		FE-15-FE-150	Potentiometric crack meter, 150 mm F.S., +/- 0.25% F.S. repeatability, from - 30 to + 100° C operating temperature, 0-5 Vdc output signal. IP 67 protection class. Stainless steel case AISI 304.	
		FE-15-FE-100	Potentiometric crack meter, 100 mm F.S., +/- 0.25% F.S. repeatability, from - 30 to + 100° C operating temperature, 0-5 Vdc output signal. IP 67 protection class. Stainless steel case AISI 304.	
		FE-15-FE-50	Potentiometric crack meter, 50 mm F.S., +/- 0.25% F.S. repeatability, from - 30 to + 100° C operating temperature, 0-5 Vdc output signal. IP 67 protection class. Stainless steel case AISI 304.	
		FE-15-FE-25	Potentiometric crack meter, 25 mm F.S., +/- 0.25% F.S. repeatability, from - 30 to + 100° C operating temperature, 0-5 Vdc output signal. IP 67 protection class. Stainless steel case AISI 304.	
	vibrating wire	FE-15-VW-150	Vibrating wire displacement transducer, 150 mm F.S., +/- 0.1% F.S. accuracy, +/-0.025% F.S. resolution, IP 67 protection class, stainless steel.	
		FE-15-VW-100	Vibrating wire displacement transducer, 100 mm F.S., +/- 0.1% F.S. accuracy, +/-0.025% F.S. resolution, IP 67 protection class, stainless steel.	
		FE-15-VW-50	Vibrating wire displacement transducer, 50 mm F.S., +/- 0.1% F.S. accuracy, +/-0.025% F.S. resolution, IP 67 protection class, stainless steel.	
		FE-15-VW-25	Vibrating wire displacement transducer, 25 mm F.S., +/- 0.1% F.S. accuracy, +/-0.025% F.S. resolution, IP 67 protection class, stainless steel.	
	accessories	FE-13-PRO-50100	Stainless steel protection for 50 mm crack meter.	
			Stainless steel protection for 100-150 mm crack meter.	
		FE-11-ST-01	Stainless steel bracket for crack meter corner mounting.	
		FE-09-CON-00	4-20 mA conditioning module, IP 68 protection class.	
		FE-KIT-3D-EL	Positioning kit for crack meter, for 3D slot measurement.	
	mechanical crack meter	+/-25, +/-10	FM-01-FM-25	Avongard mechanical crack meter, for horizontal measurements up to +/- 25 mm and +/- 10 mm vertically. With reference locator for precision readings with caliper.
angular		FM-04-AN-20	Avongard mechanical crack meter (couple), for angular measurements up to +/- 20 mm and +/- 10 mm vertically.	
+/-20, +/-10		FM-02-FM-20	Avongard mechanical crack meter, for horizontal measurements up to +/- 20 mm and +/- 10 mm vertically.	
accessory		FM-03-CA-200	200 mm stainless steel Vernier caliper with precision clock. 0.02 mm resolution .	

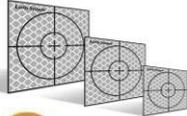
<i>category</i>	<i>sub category</i>	<i>product code</i>	<i>technical features</i>	<i>details</i>
gage wire	1800-2300-3300 mm stroke	EF-01-EFA-18-23-33	Wire extensometer for craks and joints monitoring, supply voltage from +10 to 36 VDC, 1800/2300/3300 mm stroke, 4-20 mA output. +/- 0.5% F.S. linearity, +/- 0.1% F.S. repeatability, operating temperature from -40 to +85 ° C. IP 67 protection class. 6,0 N traction force .	
	4300-4800-5300 mm stroke	EF-01-EFA-43-48-53	Wire extensometer for craks and joints monitoring, supply voltage from +10 to 36 VDC, 4300/4800/5300 mm stroke, 4-20 mA output. +/- 0.5% F.S. linearity, +/- 0.1% F.S. repeatability, operating temperature from -40 to +85 ° C. IP 67 protection class. 6,0 N traction force .	
	6300 mm stroke	EF-01-EFA-63	Wire extensometer for craks and joints monitoring, supply voltage from +10 to 36 VDC, 6300 mm stroke, 4-20 mA output. +/- 0.5% F.S. linearity, +/- 0.1% F.S. repeatability, operating temperature from -40 to +85 ° C. IP 67 protection class. 6,0 N traction force .	
	7300-8000-8300 mm stroke	EF-01-EFA-73-80-83	Wire extensometer for craks and joints monitoring, supply voltage from +10 to 36 VDC, 7300/8000/8300 mm stroke, 4-20 mA output. +/- 0.5% F.S. linearity, +/- 0.1% F.S. repeatability, operating temperature from -40 to +85 ° C. IP 67 protection class. 6,0 N traction force .	
	60 mm stroke	EF-05-EFF-50	Potentiometric wire extensometer, 50 mm working stroke, +/- 0.1 mm repeatability, IP55 protection class. Integrated NTC for termal variations measurement. Polymer case. 2,4 N traction force.	
	101 mm stroke	EF-05-EFF-100	Potentiometric wire extensometer, 100 mm working stroke, +/- 0.1 mm repeatability, IP 65 protection class. Integrated NTC for termal variations measurement. Polymer case. 2,4 N traction force.	
	220 mm stroke	EF-05-EFF-200	Potentiometric wire extensometer, 200 mm working stroke, +/- 0.1 mm repeatability, IP 65 protection class. Integrated NTC for termal variations measurement. Polymer case. 2,4 N traction force.	

category	sub category	product code	technical features	details
pressure cell	rectangular plate for concrete	CP-01-QU-150	150 x 150 mm stainless steel plate for pressure cell.	
		CP-01-RE-250	150 x 250 mm stainless steel plate for pressure cell.	
		CP-01-FO-25	250 x 50 mm stainless steel plate for pressure cell.	
	circular plate for ground	CP-01-TO-200	200 mm diameter stainless steel plate for total pressure cell, 5 mm thickness.	
	electrical transducer	CP-02-TRP-1	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. accuracy, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 100 kPa F.S.	
		CP-02-TRP-2	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. accuracy, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 200 kPa F.S.	
		CP-02-TRP-3,5	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. accuracy, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 350 kPa F.S.	
		CP-02-TRP-7	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. accuracy, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 700 kPa F.S.	
		CP-02-TRP-10	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. accuracy, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 1 MPa F.S.	
		CP-02-TRP-20	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. accuracy, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 2 MPa F.S.	
		CP-02-TRP-35	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. accuracy, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 3.5 MPa F.S.	
		CP-02-TRP-70	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. accuracy, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 7 MPa F.S.	
		CP-02-TRP-100	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. accuracy, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 10 MPa F.S.	
	VW transducer	CP-05-VW-3,45	Vibrating wire transducer, 345 kPa. 200 % F.S. over-pressure, +/- 0.1% accuracy, <0.5% F.S. non linearity, < 0.5% FS/°C thermal drift.	
		CP-05-VW-5,18	Vibrating wire transducer, 518 kPa. 200 % F.S. over-pressure, +/- 0.1% accuracy, <0.5% F.S. non linearity, < 0.5% FS/°C thermal drift.	
		CP-05-VW-10,34	Vibrating wire transducer, 1,034 MPa. 200 % F.S. over-pressure, +/- 0.1% accuracy, <0.5% F.S. non linearity, < 0.5% FS/°C thermal drift.	
CP-05-VW-21		Vibrating wire transducer, 2,1 MPa. 200 % F.S. over-pressure, +/- 0.1% accuracy, <0.5% F.S. non linearity, < 0.5% FS/°C thermal drift.		

category	sub category	product code	technical features	details
flat jack	VW transducer	CP-05-VW-34	Vibrating wire transducer, 3.4 MPa. 200 % F.S. over-pressure, +/- 0.1% accuracy, <0.5% F.S. non linearity, < 0.5% FS/°C thermal drift.	
		CP-05-VW-69	Vibrating wire transducer, 6.9 MPa. 200 % F.S. over-pressure, +/- 0.1% accuracy, <0.5% F.S. non linearity, < 0.5% FS/°C thermal drift.	
		CP-05-VW-103	Vibrating wire transducer, 10.3 MPa. 200 % F.S. over-pressure, +/- 0.1% accuracy, <0.5% F.S. non linearity, < 0.5% FS/°C thermal drift.	
		CP-05-VW-207	Vibrating wire transducer, 20.7 MPa. 200 % F.S. over-pressure, +/- 0.1% accuracy, <0.5% F.S. non linearity, < 0.5% FS/°C thermal drift.	
	accessory	CP-03-PM-00	Hand pump for re-pressurizing of pressure cells, including 1 kg de-aired oil.	
	high pressure for concrete	MP-05-MP-00	350 mm x 260 mm semi-circular flat jack. 20/10 plate thickness. 400 bar maximum operating pressure.	
	low pressure for concrete and brickwork	MP-14-MP-00	350 mm x 260 mm semi-circular flat jack. 8/10 plate thickness. 60 bar maximum operating pressure.	
		MP-14-MP-01	350 mm x 180 mm semi-circular flat jack. 8/10 plate thickness. 60 bar maximum operating pressure.	
		MP-14-MP-02	335 mm x 130 mm semi-circular flat jack. 8/10 plate thickness. 60 bar maximum operating pressure.	
		MP-14-MP-03	400 mm x 200 mm rectangular flat jack. 8/10 plate thickness. 60 bar maximum operating pressure.	
	electrical transducer	MP-01-TRP-10	Pressure transducer with sensitive-membrane, 4-20 mA output, +/- 0.7% F.S. total error (non linearity, hysteresis, repeatability, temperature effect) , IP 65 protection class, 10 bar.	
		MP-01-TRP-25	Pressure transducer with sensitive-membrane, 4-20 mA output, +/- 0.7% F.S. total error (non linearity, hysteresis, repeatability, temperature effect) , IP 65 protection class, 25 bar.	
		MP-01-TRP-40	Pressure transducer with sensitive-membrane, 4-20 mA output, +/- 0.7% F.S. total error (non linearity, hysteresis, repeatability, temperature effect) , IP 65 protection class, 40 bar.	
		MP-01-TRP-60	Pressure transducer with sensitive-membrane, 4-20 mA output, +/- 0.7% F.S. total error (non linearity, hysteresis, repeatability, temperature effect) , IP 65 protection class, 60 bar.	
		MP-01-TRP-100	Pressure transducer with sensitive-membrane, 4-20 mA output, +/- 0.7% F.S. total error (non linearity, hysteresis, repeatability, temperature effect) , IP 65 protection class, 100 bar.	
		MP-01-TRP-160	Pressure transducer with sensitive-membrane, 4-20 mA output, +/- 0.7% F.S. total error (non linearity, hysteresis, repeatability, temperature effect) , IP 65 protection class, 160 bar.	
		MP-01-TRP-250	Pressure transducer with sensitive-membrane, 4-20 mA output, +/- 0.7% F.S. total error (non linearity, hysteresis, repeatability, temperature effect) , IP 65 protection class, 250 bar.	
		MP-01-TRP-400	Pressure transducer with sensitive-membrane, 4-20 mA output, +/- 0.7% F.S. total error (non linearity, hysteresis, repeatability, temperature effect) , IP 65 protection class, 400 bar.	
		vibrating wire pressure transducers	MP-14-VW-13	Vibrating wire transducer, 1.34 MPa. 200 % F.S. over-pressure, +/- 0.1% accuracy, <0.5% F.S. non linearity, < 0.5% FS/°C thermal drift.
MP-14-VW-21			Vibrating wire transducer, 2.1 MPa. 200 % F.S. over-pressure, +/- 0.1% accuracy, <0.5% F.S. non linearity, < 0.5% FS/°C thermal drift.	
MP-14-VW-34			Vibrating wire transducer, 3.4 MPa. 200 % F.S. over-pressure, +/- 0.1% accuracy, <0.5% F.S. non linearity, < 0.5% FS/°C thermal drift.	
MP-14-VW-69			Vibrating wire transducer, 6.9 MPa. 200 % F.S. over-pressure, +/- 0.1% accuracy, <0.5% F.S. non linearity, < 0.5% FS/°C thermal drift.	
MP-14-VW-103			Vibrating wire transducer, 10.3 MPa. 200 % F.S. over-pressure, +/- 0.1% accuracy, <0.5% F.S. non linearity, < 0.5% FS/°C thermal drift.	

<i>category</i>	<i>sub category</i>	<i>product code</i>	<i>technical features</i>	<i>details</i>
flat jack	vibrating wire pressure transducers	MP-14-VW-207	Vibrating wire transducer, 20.7 MPa. 200 % F.S. over-pressure, +/- 0.1% accuracy, <0.5% F.S. non linearity, < 0.5% FS/°C thermal drift.	   
		MP-14-VW-345	Vibrating wire transducer, 34.5 MPa. 200 % F.S. over-pressure, +/- 0.1% accuracy, <0.5% F.S. non linearity, < 0.5% FS/°C thermal drift.	
	MP-04-RA-02	Complete testing and housing kit for gauge/transducer, with 2 ball cocks for high pressure.		
	MP-04-RA-01	Complete testing and housing kit for gauge/transducer, with 1 ball cock for high pressure.		
	MP-02-MN-10	Bourdon tube pressure gauge, 63 mm dial diameter, painted steel case and ring, brass movement. 1/4" gas M connection. Various Full Scales: 10-16-25-40-60-100-250 bar.		
	MP-13-FLU-00	Hydraulic mixture for flat jack.		
	MP-06-SC-00	Removable deformation meter locators in pack with 30 pcs.		
	MP-11-PR-70	Pressurization system for testing individual and double Flat Jack: 700 bar level single stage manual pump, 2 high-pressure hoses, 300 bar and high accuracy digital pressure gauge (<0.1% FS). Carrying bag.		
	MP-10-DD-000	Digital mechanical removable deformometer, 0.01 mm sensitivity. Measuring range from 150 to 200 mm. Hard carrying case. Positioning template.		
	MP-10-DD-00	Digital mechanical removable deformometer, 0.01 mm sensitivity. Measuring range from 150 to 200 mm. Hard carrying case. Positioning template.		

category	sub category	product code	technical features	details
electrical piezometer	relative piezoelectric transducer	PE-01-PER-7	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. linearity, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 7 kPa F.S.. Relative.	
		PE-01-PER-35	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. linearity, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 35 kPa F.S.. Relative.	
		PE-01-PER-70	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. linearity, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 70 kPa F.S.. Relative.	
		PE-01-PER-100	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. linearity, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 100 kPa F.S.. Relative.	
		PE-01-PER-200	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. linearity, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 200 kPa F.S.. Relative.	
		PE-01-PER-350	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. linearity, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 350 kPa F.S.. Relative.	
		PE-01-PER-700	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. linearity, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 700 kPa F.S.. Relative.	
		PE-01-PER-1	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. linearity, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 1 MPa F.S.. Relative.	
		PE-01-PER-2	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. linearity, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 2 MPa F.S.. Relative.	
	absolute piezoelectric transducer	PE-02-PEA-70	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. linearity, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 70 kPa F.S.. Absolute.	
		PE-02-PEA-100	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. linearity, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 100 kPa F.S.. Absolute.	
		PE-02-PEA-200	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. linearity, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 200 kPa F.S.. Absolute.	
		PE-02-PEA-350	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. linearity, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 350 kPa F.S.. Absolute.	
		PE-02-PEA-700	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. linearity, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 700 kPa F.S.. Absolute.	
		PE-02-PEA-1	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. linearity, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 1 MPa F.S.. Absolute.	
		PE-02-PEA-2	Electric pressure transducer, 4-20 mA output, +/- 0.1% F.S. linearity, 2x F.S. max over-pressures, 0.1% F.S./year stability, stainless steel case. 2 MPa F.S.. Absolute.	
	VW piezometer	VW transducer	PW-01-PW-173	Vibrating wire transducer, 173 kPa. 200 % F.S. over-pressure, +/- 0.1% precision, <0.5% F.S. non linearity, < 0.5% F.S./°C thermal drift .
PW-02-PW-345			Vibrating wire transducer, 345 kPa. 200 % F.S. over-pressure, +/- 0.1% precision, <0.5% F.S. non linearity, < 0.5% F.S./°C thermal drift .	
PW-03-PW-518			Vibrating wire transducer, 518 kPa. 200 % F.S. over-pressure, +/- 0.1% precision, <0.5% F.S. non linearity, < 0.5% F.S./°C thermal drift .	
PW-07-PW-690			Vibrating wire transducer, 690 kPa. 200 % F.S. over-pressure, +/- 0.1% precision, <0.5% F.S. non linearity, < 0.5% F.S./°C thermal drift .	
PW-04-PW-1034			Vibrating wire transducer, 1034 kPa. 200 % F.S. over-pressure, +/- 0.1% precision, <0.5% F.S. non linearity, < 0.5% F.S./°C thermal drift .	
PW-04-PW-2068			Vibrating wire transducer, 2068 kPa. 200 % F.S. over-pressure, +/- 0.1% precision, <0.5% F.S. non linearity, < 0.5% F.S./°C thermal drift .	
PW-05-PW-3,4			Vibrating wire transducer, 3.4 MPa. 200 % F.S. over-pressure, +/- 0.1% precision, <0.5% F.S. non linearity, < 0.5% F.S./°C thermal drift .	
PW-06-PW-5,2			Vibrating wire transducer, 5.2 MPa. 200 % F.S. over-pressure, +/- 0.1% precision, <0.5% F.S. non linearity, < 0.5% F.S./°C thermal drift .	

category	sub category	product code	technical features	details
topographic accessories	target type	AT-01-TR-30	30 x 30 mm target. +34.4 mm constant.	
		AT-01-TR-40	40 x 40 mm target. +34.4 mm constant.	
		AT-01-TR-50	50 x 50 mm target. +34.4 mm constant.	
		AT-20-TRR-PVC	Bireflex target. 60 mm diameter reflector, mounted on PVC frame. Reflectors on both side, mounted on a universal joint.	
	mini prism	AT-03-MP-PVC	Micro prism with plastic mounting, complete with signal plate and circular level, lightweight carrying case. +17.5 mm prism constant. 25 mm prism diameter. 5/8" thread.	
		AT-04-MP-LPS	Micro prism with metal mounting, complete with level, signal plate, tip and case. +17.5 mm prism constant. 1.0 mm centering precision. 25.4 mm prism diameter. Slide-in fitting.	
		AT-05-MP-W	Micro prism with special aluminum structure to protect against bad weather and sun. Camouflaged prism site for vandalism protection. 25 mm prism diameter.	
		AT-05-MP-B	Micro prism with "L" shaped painted steel bracket. 25 mm prism diameter. 10 mm fixing hole. Ideal for monitoring of buildings-structures where prism remains fixed.	
	prism	AT-06-P-62	Large prism complete with mounting and signal plate in a lightweight case. 62.5 mm prism dimension. 0.0 mm constant. 1.0 mm centering precision. Slide-in fitting.	
		AT-06-M-62	Precision circular prism with anti-reflection coating, mounted in metal holder. Supplied with removable target plate. 62.5 mm dimension. 0.0 mm constant. 1.0 mm centering precision. Slide-in fitting.	
		AT-15-MM-W	Special large prism. 62 mm reflective quartz, special frame for protection from elements (sunlight, rain, and snow accumulation) and vandalism, complete with L-bracket mounting. Constant 0.0 mm.	
		AT-06-P-3P	3 circular prisms with 62.5 mm lens diameter. Complete with mounting and plastic case. Allows distances exceeding 2000 m to be measured in the prism mode. 0.0 mm constant. Bracket excluded.	
	accessories	AT-13-AB-00	Aluminum adapter with slide-in fitting, M12 F thread, complete with fischer.	
		AT-13-AB-01	Stainless steel adapter with M8 slide-in fitting, with screw and expansion grain (44 mm L).	
		AT-13-AB-02	Stainless steel adapter with M8 slide-in fitting, with screw and expansion grain for convergence measurement (27 mm L).	
		AT-14-AG-00	Stainless steel mounting bracket for 50x50 mm target with holes for wall mounting.	
		AT-21-MP-CH	Mini prism with PVC frame mounted on a cardan joint	
		AT-21-CH-4,5	Steel nail with rounded head, 4.5 cm length, with collimation point and washer.	
	360° prism	AT-08-PG-360	360° reflector suitable for all TPS robotic work using a pole. Total 3D targeting precision 5.0 mm. Better than 2.0 mm precision can be achieved from the perspective on the side marked with a yellow arrow. +23.1 mm constant Slide-in fitting.	
		AT-09-PP-360	Small 360° reflector used for various applications. 1/4" connection. Supplied with metal pole in 4 sections and circular level. Prism constant +30.0 mm.	
	bar code	AT-12-CB-AD	Adhesive strip with a bar code for reading electronic levels Leica type (40 cm L), Sokkia type (60 cm L), Trimble type (40 cm L).	
		AT-12-CB-SA	Aluminum staff with barcode for electronic level readings. Leica type (45 cm length), Sokkia type (65 cm length) and Trimble type (45 cm length).	

category	sub category	product code	technical features	details
read out unit	read out unit	MG01	"Universal" multi-function manual control unit for reading the data of the main electrical and vibrating wire transducers. 12 V DC power supply and battery. 16-bit measurement resolution, operating temperature from -20°C to +70°C, temperature stability + 15 ppm/°C max., IP65 protection. Dimensions 130 x 100 x 34.2 mm. Weight 600 g. Backlit LCD display.	
		MP2	Manual control unit for data reading of vibrating wire sensors and NTC sensors.	
		FLYCASE801	Battery powered portable device, designed for the realization of short/medium time geotechnical, structural and environmental monitoring systems. Digitally connected to active devices such as: multiplexers, digital inclinometer tilt arrays or directly to compatible sensors, which can be situated either near the module or at hundreds of meters distance. Input signal: V, mV/V, 4-20mA, VW, Pt100, NTC, digital sensors. -20°C to +70°C operating temperature, 330x280x160 mm dimensions, 1200g weight.	
	MG01 accessory	MG01-CAV	Cable with military connector for readings on centralization panel/portable tilt meter.	
datalogger		G401	"Universal" multi-function data acquisition module with 8/16 channels for remote acquisition. 12 V DC power supply and battery (opt. 110/220 V AC), 16-bit measurement resolution.	
		G602	"Universal" multi-function data acquisition module with 8/256 channels for remote acquisition of the main vibrating wire and electrical transducers. Display, SD card, USB flash drive, 4 digital inputs. 12 V DC power supply and battery (opt. 110/220 V AC), 16-bit measurement resolution.	
	multiplexer G401-602	MUX8NT	8-channel multiplexer for G401 and G602 complete with wiring.	
	G401-602 accessories	GSM-A	GSM module for G602, G401.	
		GSM-PC	GSM receiver module for PC complete with software for downloading data.	
		RJX232 A	Radio module for G602, G401.	
RJX232PC		Radio receiver module for PC complete with software for downloading data.		

<i>category</i>	<i>sub category</i>	<i>product code</i>	<i>technical features</i>	<i>details</i>
datalogger	G801	G801	Digital interconnection module can handle monitoring systems. Equipped with digital and analog inputs, voltage, alarm, 2 RS232 ports, two RS485 ports, radio interface, Ethernet port, 1 SD card slot, one USB connection for data storage. Graphic display.	
	G801 analog multiplexer	GMUX 4+4	4 + 4 channel multiplexer for G801, compatible for acquisition of the main electrical sensors and vibrating wire.	
		GMUX 8+8	8 + 8 channel multiplexer for G801, compatible for acquisition of the main electrical sensors and vibrating wire.	
		GMUX 12+12	12 + 12 channel multiplexer for G801, compatible for acquisition of the main electrical sensors and vibrating wire.	
		GMUX 16+16	16 + 16 channel multiplexer for G801, compatible for acquisition of the main electrical sensors and vibrating wire.	
	G801 digital multiplexer	DMUX 4	Digital 4-channel multiplexer for G801.	
		DMUX 8	Digital 8-channel multiplexer for G801.	
		DMUX 12	Digital 12-channel multiplexer for G801.	
		DMUX 16	Digital 16-channel multiplexer for G801.	
	G801 accessories	radio M	Master radio transmission module for G801.	
		radio S	Slave radio transmission module for G801.	
		UMTS3G	3G UMTS module for G801.	
		Gdata	Trasmission module from RS485 to radio.	
		ARM-MET3	300x200x150 mm metal cabinet.	
		ARM-MET1	400x300x150 mm metal cabinet.	
		ARM-MET2	500x400x200 mm metal cabinet.	
		ARM-MET3	700x500x250 mm metal cabinet	
	ARM-MET4	800x800x250 mm metal cabinet.		

<i>category</i>	<i>sub category</i>	<i>product code</i>	<i>technical features</i>	<i>details</i>
datalogger	Vibrating wire datalogger	GS1	mono-channel battery-powered datalogger for vibrating wire sensor and relative thermistor.	
		GS4	four-channels battery-powered datalogger for vibrating wire sensor and relative thermistor.	
		GS8	eight-channels battery-powered datalogger for vibrating wire sensor and relative thermistor.	
	accessories	PS-A	Solar panel with charge controller, steel fixing support, 12 Volt, 5 Watt.	
		BATT-12V12aH	Lead acid battery, 12 Volt, 12 Ah.	
		BATT-12V7aH	Lead acid battery, 12 Volt, 7 Ah.	
		CB-PB-00	12 Volt battery charger for lead acid battery.	
	software	SW G401 G602	G401, G602 installation and data downloading software.	
		SW GLODER	Software for remote control of UAD G401, G602.	

<i>category</i>	<i>sub category</i>	<i>product code</i>	<i>technical features</i>	<i>details</i>
dynamic instrumentation	read out unit	AD-07-6CH-PO	Portable dynamic datalogger, 6 channels, 8 Gb internal memory, internal battery 12V.	
	datalogger	AD-08-6CH-FI	6 channels dynamic datalogger, 8 Gb internal memory, box for wall installation, software.	
		AD-08-12CH-FI	12 channels dynamic datalogger, 8 Gb internal memory, box for wall installation, software.	
		AD-08-18CH-FI	18 channels dynamic datalogger, 8 Gb internal memory, box for wall installation, software.	
		AD-08-24CH-FI	24 channels dynamic datalogger, 8 Gb internal memory, box for wall installation, software.	
		AD-08-30CH-FI	30 channels dynamic datalogger, 8 Gb internal memory, box for wall installation, software.	
		AD-08-36CH-FI	36 channels dynamic datalogger, 8 Gb internal memory, box for wall installation, software.	
		AD-08-42CH-FI	42 channels dynamic datalogger, 8 Gb internal memory, box for wall installation, software.	
		AD-08-48CH-FI	48 channels dynamic datalogger, 8 Gb internal memory, box for wall installation, software.	
	seismometer sensor	AD-09-VEL-03NL	Non-linearized triaxial sysmometer, 4.5 Hz, with militar connector, 5 m lenght cable, carrying case.	
		AD-09-VEL-03NL	Non-linearized biaxial sysmometer, 4.5 Hz, with militar connector, 5 m lenght cable, carrying case.	
		AD-09-VEL-03NL	Non-linearized uniaxial sysmometer, 4.5 Hz, with militar connector, 5 m lenght cable, carrying case.	
		AD-02-VEL-03	Triaxial sysmometer, 0-315 Hz, I class, with militar connector, 5 m lenght cable, carrying case.	
		AD-02-VEL-02	Biaxial sysmometer, 0-315 Hz, I class, with militar connector, 5 m lenght cable, carrying case.	
		AD-02-VEL-01	Uniaxial sysmometer, 0-315 Hz, I class, with militar connector, 5 m lenght cable, carrying case.	
	accelerometer sensor	AD-06-ACC-03	Triaxial accelerometer, 0-400 Hz frequency response, +/- 2 g or +/- 5 g measuring range, with militar connectors, 5 m lenght cable, carrying case.	
		AD-06-ACC-02	Biaxial accelerometer, 0-400 Hz frequency response, +/- 2 g or +/- 5 g measuring range, with militar connectors, 5 m lenght cable, carrying case.	
		AD-06-ACC-01	Uniaxial accelerometer, 0-400 Hz frequency response, +/- 2 g or +/- 5 g measuring range, with militar connectors, 5 m lenght cable, carrying case.	
	accessories	AD-03-M-UMTS	modem/UMTS router/HSDPA with antenna.	
		AD-04-CAV-00	Cable for sysmometer.	
		AD-04-CAV-AC	Cable for accelerometer/sysmometer, 5 meters length, with militar connector.	
		AD-05-SW-VIBR	3.3.1 Vibrosoft software for vibrometrics measures.	
AD-11-KIT-00		Kit including buffer battery and power supply / charger.		

1. OFFERS ORDERS-CONFIRMATIONS

Our offers are submitted for informational purposes only and have no binding powers. Our Company only enters into binding commitments after order confirmation, according to the terms, the formalities and to the extent indicated therein. Order confirmation only comes into effect after the Principal has complied with all technical and economic conditions indicated therein. All part payments made in advance will be withheld by way of compensation should the order be cancelled.

2. DELIVERY

Acceptance of the goods is considered definitive when the goods themselves are delivered directly to the Customer or its appointee or, in the case of freight forwarding, to the forwarding agent; in this case, it is understood that the appointee and the forwarding agent act as the Customer's representatives. The terms of delivery are indicative and not binding and depend on unforeseen circumstances that could prevent, hinder or delay the normal production process. We therefore reserve the right to extend the terms themselves or to partially or totally terminate the contract in cases of force majeure. The Terms of delivery will run from the date on which the regular order, complete with all the information required for its fulfilment, is received. Delayed delivery of accessories that do not prevent full use of the instrumentation does not constitute delay. If the contract is cancelled, the seller can never be held to return any sums it may have received, excluding all reimbursement of damages.

3. WARRANTY

Our warranty covers the instruments we sell against all all material or manufacturing defects for the period specified by our suppliers running from the delivery date, in normal operating conditions and in any case, for no longer than 12 months from effective shipment. Our warranty covers the sole repair or replacement of the parts we recognize as being defective at the time of shipment. We will repair or replace those parts recognized by us as being defective within the shortest possible time without, however, this entitling any reimbursement for any damages or expenditure, or the right to suspend payments. Travel expenses for workers and transport of materials are at the Principal's charge. Incorrect installation or maintenance and all uses that fail to conform to our instructions will relieve us from all warranty liabilities. Parts recognized as being defective must be returned to us free of all charges in our warehouses and remain our property once they have been replaced. In no case does our warranty oblige us to reimburse direct and indirect damages of any type.

4. PRICES AND PAYMENTS

Unless other agreements are made in writing, the prices are net ex warehouse. The prices are calculated on the basis of the updated costs or costs in force when the order is confirmed.

Subsequent variations that may occur will have a proportional effect on the prices themselves. The terms of payment are those established by the order confirmation and disputes concerning the goods supplied do not authorize the Principal to delay the payments. Overdue interest will run from the due date if payments are delayed.

5. TRANSPORT AND SHIPMENTS

It is understood in absolute terms, that the goods travel at the Customer's risk and peril even if sold carriage paid. Claims concerning irregularities in deliveries, tampering, shortages, damages, etc., must be made to the carrier according to the methods and formalities required by law. After this period, the goods will be invoiced in any case.

6. PACKAGING

Packaging is not returnable and its cost is subject to separate charging unless agreed differently in the order confirmation.

7. TESTING

Testing by the Customer's representatives may be carried out so long as it is requested in the order. Expenses for tests performed by Official Bodies are at the Customer's charge.

8. PROVISION OF SERVICES BY PERSONNEL

Performance of services by our technical personnel for assembly, calibration, commissioning, testing, maintenance, etc., may be provided on request, at the going rates. Unless specifically mentioned in the offer, performance of such services is not included in the price of the goods.

9. MODIFICATIONS AND CANCELLATION

In the case of modifications to the order that involve variations to the technical specifications, we reserve the right to change the terms of delivery and to charge the relative extra prices to the Principal. Parts already manufactured will be regularly invoiced and will be the Principal's property. If the order is cancelled, we reserve the right, in absolute terms, to charge the Principal up to 70% of the value of the cancelled order depending on the state of progress reached with manufacture on the date that notice of cancellation is received.

10. COMPETENT JUDICIAL AUTHORITY

All disputes or controversies shall be submitted to the Court of Parma.