2018











About theCHAUVIN ARNOUX GROUP

Founded in 1893 in Paris, France, **CHAUVIN ARNOUX**, has succeeded over the centuries in constantly developing its expertise in the design, manufacture and commercialization of measuring instruments for professionals.

From portable instrumentation to fixed electrical equipment and energy performance solutions, from control of the whole thermal process chain to industrial metrology, the **CHAUVIN ARNOUX Group's** offering covers every customer requirement, whatever the sector (contractors, industry, administration, etc.).

CHAUVIN ARNOUX is a major player in the measurement market in France and internationally.



Total control of product design and manufacturing

in-house enables the Group to innovate constantly and to propose a very broad product and service offering meeting all its customers' needs



A Few Figures

- 10 subsidiaries worldwide
- 900 employees
- 7 production sites
- 6 R&D departments worldwide
- 11% of revenues invested in R&D
- Turnover of 100 million euros



Chauvin Arnoux, a team close to you and your partner for:

Energy performance
Regulatory testing
Environmental measurements
Supervision and
sizing of installations

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Temperature & process signal calibrators



C.A 1621

Ref.: P01654621

Temperature calibrator for thermocouple probes capable of measuring and simulating up to 8 types of thermocouple as well as a voltage in mV.

STATE AT DELIVERY



Delivered with a soft case, 2 thermocouple adapters, 6 x AAA 1.5 V batteries and a user's manual in 5 languages

Input/output range		R	Accuracy	
-10 mV 100 mV		0.01 mV		± 0.025 % + 2 counts
Function	Range	Resolution	Accuracy	Reference junction error
Type J	-200 +1200 °C	0.1°C	\pm (0.3 °C + 10 μ V)	± 0.3 °C
Type K	-200 +1370 °C	0.1°C	±(0.3 °C +10 μV)	± 0.3 ℃
Type T	-200 +400 °C	0.1°C	±(0.3 °C +10 μV)	± 0.3 °C
Type E	-200 +950 °C	0.1°C	±(0.3 °C +10 μV)	± 0.3 °C
Type R	-20 +1750 °C	1°C	±(1 °C +10 μV)	± 0.3 °C
Type S	-20 +1750 °C	1°C	±(1 °C +10 μV)	± 0.3 °C
Type B	+600 +1800 °C	1°C	±(1 °C +10 µV)	± 0.3 ℃
Type N	-250 +1300 °C	0.1°C	±(0.3 °C +10 μV)	± 0.3 °C



C.A 1623

Ref.: P01654623

Temperature calibrator for resistive probes capable of measuring and simulating up to 7 types of resistive probes as well as a resistance.

STATE AT DELIVERY



Supplied with a soft case, a pair of test cables, a pair of crocodile clips, 6 x AAA 1.5 V batteries and a user's manual in 5 languages

Accuracy in ℃					
Mode	Range	4-wire input	2 / 3-wire input	Output	Admissible excitation in mA
Pt10 385	-200 +800 °C				0.1 3.0
Pt50 385	-200 +800 °C	0.7	1.0	0.7	0.1 3.0
Pt100 385	-200 +800 °C	0.33	0.5	0.33	0.1 3.0
Pt200 385	-200 +250°C +250 +630°C	0.2 0.8	0.3 1.6	0.2 0.8	0.1 3.0
Pt500 385	-200 +500 °C +500 +630 °C	0.3 0.4	0.6 0.9	0.3 0.4	0.06 3.0
Pt1000 385	-200 +100 °C +100 +630 °C	0.2 0.2	0.4 0.5	0.2 0.2	0.1 3.0
Pt100 JIS	+200 +630 °C	0.2	0.3	0.3	0.1 3.0



C.A 1631

Ref.: P01654402

Process signal calibrator used to measure or provide a current loop between 0 and 24 mA and a DC voltage between 0 and 20 V.

STATE AT DELIVERY



Supplied with a soft case, a pair of test cables, a pair of crocodile clips, a pair of test probes, 6 x AAA 1.5 V batteries and a user's manual in 5 languages

Range	Resolution	Accuracy ± (% of reading + counts)	
100 mV	0.01 mV	0.02 % + 3	
20 V	0.001 V	0.02 % + 3	
lı Protection aç	nput impedance: 2 MΩ (i gainst overvoltages: 30 V	rated value), < 100 pF - Current delivered at 20 V: 1 mA	
Range	Resolution	Accuracy ± (% of reading + counts)	
24 mA 0.001 mA		0.015 % + 3	
Protection against overloads: 125 mA / 250 V guick-response fuse			

Display as percentage: 0% = 4 mA, 100% = 20 mA Source mode: $1,000\Omega$ load at 20 mA for a battery voltage ≥ 6.8 V, $(700\Omega$ at 20 mA for a battery voltage between 5.8 and 6.8 V Simulation mode: external loop voltage condition: 24 V (rated value), 30 V maximum, 12 V minimum.

Loop voltage power supply: 24 V \pm 10 %









Set of 2 red/black moulded PVC cables	P01295451 Z
Set of 2 x Ø 4 mm moulded test probes	P01295451 Z

Thermal cameras

C.A 1950

C.A 1954

Ref.: P01651901 Ref.: P01651904



	C.A 1950	C.A 1954	
Detecar	80 x 80	120 x 160	
Sensitivity (N.E.T.D)	80 mK @ 30 °C	(0.08 °C à 30 °C)	
Refresh rate	9	Hz	
Temperature range	-20 °C a	+250 °C	
Accuracy	±2 °C or ±2	% of reading	
Field of view	20° x 20°	28° x 38°	
IFOV (spatial resolution)	4.4 mrad	4.1 mrad	
Focus	Fix	red	
Real image	Y	es	
Measurement tools	Automatic Min and Max detection on adjustable area 1 manual cursor + automatic detection + Min Max on adjustable area + temperature profile + isotherm		
Parameter settings	Emissivity, environmental temperature, distance, relative humidity		
Voice comments	Yes, via Bluetooth ((earpiece supplied)	
Connectivity	F407, F607, MTX 3292 and MTX 3293 clamps, environmental measurement products (CA 1821, CA 1822, CA 1823, CA 1246, CA 1227, etc.)		
Data sarage	On removable 2 GB micro-SD card (approx. 4,000 images) up a 32 GB		
Туре	Rechargeable NiMH batteries with low self-discharge		
Battery life	13.5 hrs (typical)	9 hrs (typical)	
Ingress protection	IP 54		
Fall resistance	2-metre drop		
Weight / dimensions	700 g with rechargeable batteries / 225 x 125 x 83		

















Cameras delivered in site-proof case with 4 NiMH batteries and 1 battery charger, 1 micro SD HD card, 1 USB cable, 1 Bluetooth earpiece, CAmReport software on CD-ROM, user's manuals and a measurement report



CAmReport software

The CAmReport software is equipped with a very simple user interface para:

Analysis of the thermograms using a large number of tools (cursors, thermal profiles, squares or circles or polygons para area analyses).



Results tables quickly and automatically display all the inparamation/analytical tools on the thermogram.

- Recovery of the voice comments or related measurements
- Automatic merging of the thermal and real images recorded simultaneously
- Automatic report creation para export in .pdf or .docx paramat.

Thermal cameras



	C.A 1886	C.A 1888
Detector	160 x 120	384 x 288
Type	UFPA microbolometer, 8-14 microns	UFPA microbolometer, 8-14 microns
Sensitivity (NETD)	0.08 °C to 30 °C	0.05 °C to 30 °C
Refresh rate	50 Hz (9 H	z outside EU)
Temperature	-20 °C to +600 °C as standard, up to 1,500 °C available as an option	-20 °C to +600 °C as standard, up to 1,500 °C available as an option
Accuracy	±2 °C or ±2 %	±2 °C or ±2 %
Optics	Field of view: 20° x 15°, IFOV: 2.2 mrad Min. focal distance: 10 cm	Field of view: 24° x 18°, IFOV: 1.1 mrad Min. focal distance: 10 cm
"MixVision" mode	Merge function with adjustment of the IR image overlay in the real image from 0 to 100 %	Merge function with adjustment of the IR image overlay in the real image from 0 to 100 %
Image size	640 x 480 pixels	640 x 480 pixels
Settings	Emissivity, environmental temperature, distance, humidity	Emissivity, environmental temperature, distance, humidity
Measurement tools	3 manual cursors + auto detection, Max/ Min/Avg on area, isotherm, temperature differential, temperature profile	3 manual cursors + auto detection, Max/ Min/Avg on area, isotherm, temperature differential, temperature profile
Data storage	1,000 radiometric images in 250 folders + 2 GB on mini-SD card	1,000 radiometric images in 250 folders + 2 GB on mini-SD card
Power supply	Battery life: 3 hrs (continuous use) Recharging with external charger	Battery life: 3 hrs (continuous use) Recharging with external charger

STATE AT DELIVERY

Delivered in a hard case with a battery charger, 2 batteries, 1 x 2 GB SD card, 1 SD card reader, 1 video cable, RayCAm Report Standard software and a measurement report

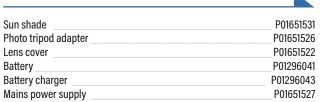


The C.A 1888 thermal camera is available in other configurations:

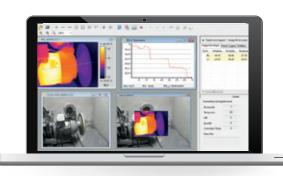
1,000 °C high-temperature option	P01651271
1,500 °C high-temperature option	P01651272
Bluetooth	P01651273

RayCAm Report software supplied for area analysis (polygons or polylines) and study of temperature distribution on a histogram

ACCESSORIES / REPLACEMENT PARTS



RayCAm Report Standard software



The RayCAm Report Standard software can be used for direct analysis of the thermograms and for generating customized reports which can be exported in Word or PDF format.

Creation of customized reports.

IR thermometers & contact thermometers



C.A 871Ref.: P01651302Z

C.A 879 Ref.: P01651805Z

C.A 1864Ref.: P01651813

C.A 1866Ref.: P01651814

	C.A 1871	C.A 871	C.A 879	C.A 1864	C.A 1866
Field of view	8/1	8/1	12/1	30/1	50/1
Emissivity		Fixed: 0.95		0.1	to 1
Measurement range	-30°C to 550°C	- 40 °C to + 538 °C	-50 °C to +550 °C	- 50 °C to	+ 1000 °C
Resolution	Output 1mV/°C	0,1 °C up to 100 °C 1 °C for > 100 °C		0,1 ℃	
Accuracy*	±2%	±2.5% ±2℃	±1.5% ±2°C	±2%	±2°C
Functions	-	Hold continuous	s measurement	Min, Max, Avg, F	Hold, Alarms, Diff
Laser sight		Yes			
Dimensions / weight	164 x 50 x 40 mm 182 g	160 x 82 x 41 mm 180 g	2	230 x 100 x 56 mm 290 g	

*Depending on temperature range. See user's manual for further details.



Products delivered with batteries, user's manual and carrying bag





C.A 876Ref.: P01651403Z

	C.A 876		
	IR measurement	Contact measurement	
Field of view	10/1	-	
Emissivity	0.1 to 1	-	
Measurement range	− 20 °C to + 550 °C	− 40 °C to + 1350 °C	
Resolution	± 2 % R or ± 3 ℃	± 0.1 % R +1 °C	
Accuracy*	Max., Min., Avg., HOLD, Alarms		
Dimensions / weight	173 x 60.5 x 38 mm / 255 g		

STATE AT DELIVERY

Product delivered with battery, user's manual and protective sheath



TK2002 Ref.: P01653110

	TK 2000	TK 2002
No. of inputs	1	2
Range	- 50 °C to -	+1000 °C
Accuracy	± 1.5 % +	+ 0.5 °C
Functions	HOLD), ℃
Dimensions	163 x 63 x	37.5 mm
Weight	200	g

STATE AT DELIVERY

Product delivered with battery, user's manual and protective sheath



IR & contact thermometers

C.A 1821Ref.: P01654821

C.A 1822

C.A 1823Ref.: P01654823

Ref.: P01654822



	C.A 1821	C.A 1822	C.A 1823	
Sensor	J, K, T, N, E, R or S	S thermocouple	Pt100, Pt1000	
No. of inputs	1	2	1	
Range	-250 °C t	o 1767 °C	-100°C to 400°C	
Resolution	θ< 1,000 °C θ≥ 1,000		0.1 °C	
Accuracy	± (0.1 % R + 0.6 °C)	± (0.4 % R +0.3 °C)		
Functions	Min., Max., HOLD, Alarms			
Recording	Manual start and stop on the product Programmed recording			
Alarms	Visual alert if a threshold is overrun configurable via Data Logger Transfer Possibility of triggering recording on alarm threshold			
Battery life	1,000 hrs (portable mode) / 3 years for recording (measurement interval: 15 minutes)			
Ingress protection		IP54 casing		
Mounting	Casing equipped with a magnet, a wall-mount system and a slot for suspending the product. Compatible with the Multifix accessory.			
Connections	C.A 1821 and 1822: miniature female compensated C.A 1823: 3-point flat connector			
Dimensions/weight	150 x 72 x 32 mm / 260 g with batteries			









STATE AT DELIVERY

Products delivered with carrying bag, batteries, 1 USB cable, measurement report and quick start-up guide(Complete Data Logger Transfer user's manual and software available from the Chauvin Arnoux website)



ACCESSORIES / REPLACEMENT PARTS

Handle for CK extension P03652912	Carrying bagP	01298075
Connector for KthermocoupleP03652925	Metal caseP	01298071
Shockproof sheath + Multifix P01654252	Dataview softwareP	01102095
Multifix P01102100Z	BLE/USB Bluetooth	
	modem for PCP	01654253
Mains adapter P01651023	4x NiMH AA/LR6 batteries H + Charger	X0053

Data Logger Transfer, the software for analysing your data





Automatic report creation



Exportable in Word format
This makes it easier to print and archive them.

Temperature sensors

K thermocouple sensors

Models	Description	Measurement range	Tolerance class	63% response time	Plunger diameter	Plunger length
SK1 / P03652901	Needle sensor for penetration with stainless-steel sheath	-50°C to 800°C	Class 2	1 second	3 mm	15 cm
SK2 / P03652902	Bendable general-purpose sensor with stainless-steel sheath	-50°C to 1000°C	Class 2	2 seconds	2 mm	1 m
SK3 / P03652903	Semi-rigid general-purpose sensor with stainless-steel sheath	-50°C to 1000°C	Class 2	6 seconds	4 mm	50 cm
SK4 / P03652904	Surface sensor Sheathed with stainless-steel sensing element and Teflon base	0°C to 250°C	Class 2	1 second	5 mm	15 cm
SK5 / P03652905	Surface sensor with spring	-50°C to 500°C	Class 2	1 second	5 mm, diameter in contact 8.5 mm	15 cm
SK6 / P03652906	Flexible sensor not suitable for liquids	-50°C to 285°C	Class 2	1 second in contact 3 s ambient	1 mm	1 m
SK7 / P03652907	Air sensor for ambient measurement	-50°C to 250°C	Class 2	5 seconds	5 mm	15 cm
SK8 / P03652908	Pipe sensor	-50°C to 140°C	Class 2	10 s on Ø 12mm stainless-steel pipe	90 mm	32 cm
SK11 / P03652917	Needle sensor for penetration with handle Stainless -steel sheath	50°C to 600°C	Class 2	12 seconds	3 mm	13 cm
SK13 / P03652918	General-purpose sensor with stainless-steel sheath	-50°C to 1100°C	Class 2	12 seconds	3 mm	30 cm
SK14 / P03652919	Elbowed surface sensor	-50°C to 450°C	Class 2	8 seconds	6 mm	13 cm
SK15 / P03652920	Surface sensor with spring and handle	-50°C to 900°C	Class 2	2 seconds	8 mm	13 cm
SK17 / P03652921	Air sensor for ambient measurement with handle and spiral cable	-50°C to 600°C	Class 2	5 seconds	6 mm	13 cm
SK19 / P03652922	Magnetic sensor with magnet for flat metal surfaces	-50°C to 200°C	Class 2	7 seconds	4 mm	1 m
SK20 / P01655010	General-purpose flexible sensor	-40°C to 450 °C	Class 1	1 second	1.5 mm	1 m

Accuracy Class I / -40 °C to +375 °C: \pm 1.5°C / +375 °C to +1000°C: \pm 0.004 x T °C. Accuracy Class II / -40 °C to +333 °C: \pm 2.5°C / +333 °C to +1200°C: \pm 0.0075 x T °C.

Extensions for thermocouples

	-		
	Description	Ø	Length
CK1	Terminated by male plug / female plug	4 mm	1 m
CK 2	Terminated by male plug / 2 bare wires	4 mm	1 m
CK3	Terminated by 5-pin DIN plug / female socket	4 mm	1 m
CK 4	Terminated by 2 banana plugs / female socket	4 mm	1 m

Temperature withstand of extensions: -40 °C to +100 °C

Pt 100 Ω temperature sensors

	-					
	Description	Measurement range	Tolerance class	63% response time	Plunger diameter	Plunger length
SP14 P01655020	General-purpose sensor with stainless-steel sheath	-100°C to 450 °C	Class A	7 seconds	3 mm	20 cm
SP10 P03652712	Surface sensor with spring ressort	-50°C to 200°C	Class B	6 seconds	5 mm	13 cm
SP11 P03652713	Stainless-steel needle sensor for penetration	-100°C to 600°C	Class B	7 seconds	3 mm	13 cm
SP12 P03652714	Air sensor	-100°C to 600°C	Class B	5 seconds	5 mm	13 cm
SP13 P03652715	Stainless-steel sensor for immersion	-100°C to 600°C	Class B	7 seconds	3 mm	13 cm

Accuracy Class A / 0.15 °C + 0.002 x T °C - Accuracy Class B / 0.3 °C + 0.005 x T °C Miniature flat-pin connector, 3 poles · Spiral cable: 45 cm to 1 m

Thermo-hygrometers



	C.A 1246
Relative Humidity range	3.0 to 98.0 % RH
Relative Humidity accuracy	10 to 90 %HR: \pm (2 %RH \pm 1 ct) outside that range: \pm (4 %RH \pm 1 ct)
Temperature range	-10.0 to +60.0°C
Temperature accuracy	10 to 40°C: \pm (0.5°C \pm 1 ct) outside that range: \pm (0.032 x (T-25) \pm 1 ct) / T= temperature in °C
Dew point range and accuracy	Dew point: - 20.0 to +60.0 °Ctd Accuracy: 1.5°C
Functions	Min., Max., HOLD, Alarms
Recording	Manual start and stop on the product Programmed recording
Alarms	Visual alert on threshold overrun configurable via Data Logger Transfer - Possibility of triggering recording on alarm threshold
Battery life	1,000 hrs (portable mode) / 3 years for recording (measurement interval: 15 minutes)
Ingress protection	IP54
Mounting	Casing equipped with a magnet, a wall-mount system and a slot for suspending the product. Compatible with the Multifix accessory.
Dimensions / weight	187x72x32mm /260g











STATE AT DELIVERY

Product delivered with carrying bag, batteries, 1 USB cable, measurement report and a quick start-up guide (complete user's manual and Data Logger Transfer software available from the Chauvin Arnoux website).

Data Logger Transfer Automatic report generation



ACCESSORIES / REPLACEMENT PARTS

75%RH salt cartridge	
33%RH salt cartridge	P01156402
Shockproof sheath + Multifix	
Multifix	P01102100Z
Mains adapter	P01651023
Bag	P01298075
Metal case	P01298071
Dataview software	P01102095
Bluetooth BLE / USB modem for PC	P01654253
4 x AA/LR6 NIMH batteries + charger	HX0053



Loggers



STATE AT DELIVERY

Product delivered with battery, user's manual and protective sheath

	C.A 847
RH range	6 to 100% RH
RH accuracy	±1LED
Dimensions	173 x 60.5 x 38 mm
Weight	160 g

Luxmeters



	C.A 1110
Measurement range	0.1 to 200,000 lx - 0.01 to 18,580 fc
Accuracy in standard m	ode
Incandescent lamp	± 3 % of reading
LED	\pm 6 % of reading (3,000 K and 6,000 K)
Fluorescent lamps	± 9 % of reading
Accuracy in compensati	on mode
LED mode	\pm 4 % of reading (at 4,000 K)
Fluo mode	± 4 % of reading (type F11, 4,000 K)
Functions	Min., Max., HOLD, Average
Recording	Manual start and stop on the product Programmed recording
MAP mode	The MAP function can be used to map the lighting on a surface or in a room. In this way, the measurements are saved in the same file.
Data storage	More than 1 million points
Power supply	 - Alkaline batteries: 3 x 1.5V LR6 or rechargeable NiMH battery - Mains connection via the mains / micro USB connector (option)
Battery life	500 hrs (portable mode) / 3 years for recording (measurement interval: 15 minutes)
Dimensions	Casing: 150 x 72 x 32 mm - Sensor: 67 x 64 x 35 mm (with protective cover) Spiral cable: 24 to 120 cm
Weight	345 g with batteries
Ingress protection	IP50 casing
Operating temperature / humidity	-10 to +60 °C - 10 to 90 % RH
Standards	Class C as per the French NF C 42-710 standard based on the CIE guidelines







STATE AT DELIVERY

Product delivered with carrying bag, batteries, 1 USB cable, 1 measurement report and quick start-up guide (complete user's manual and Data Logger Transfer software available from the Chauvin Arnoux website).



ACCESSORIES / REPLACEMENT PARTS

Shockproof sheath + Multifix	P01654252
Multifix	P01102100Z
Mains adapter	
Bag	P01298075
Metal case	P01298071
Dataview software	P01102095
Bluetooth BLE / USB modem for PC	P01654253
4 x AA/LR6 NiMH batteries + charger	HX0053

Data Logger Transfer, the software for analysing your data







Gas measurement

C.A 1510

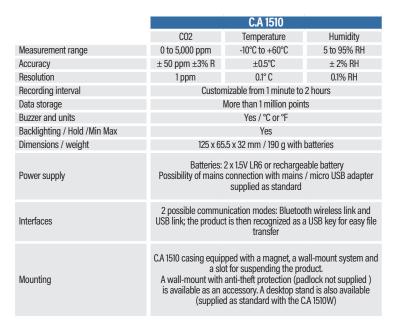
Ref.: P01651011 Ref.: P01651010 - Black

















STATE AT DELIVERY

Product delivered in a cardboard box with batteries, USB mains adapter, 1 USB-micro USB cable, desktop stand, start-up guide, CD-ROM containing user's manual and data processing software.

*Available in a black version delivered in a metal case









	C.A 895
Measurement range	0 to 1,000 ppm
Accuracy	± 5 % + 5 ppm
Measurement mode	Normal or Avg.
Functions	Alarm, Max., HOLD
Dimensions	237 x 60.5 x 38 mm
Weight	190 g

STATE AT DELIVERY

Product delivered with 9 V LR14 battery and shockproof protective sheath

ACCESSORIES / REPLACEMENT PARTS

Aspiration kit with pump and extension P01651101

Thermo-anemometers



	C.A 1227
Air speed/flow-rate sensor	Vane with optical detection
Air speed range	0.50 m/s to 27.0 m/s (98.0 to 5,314 fpm)
Air speed accuracy	± 3 % R ± 0.1 m/s
Air flow-rate range	0 to 2,999 m3/h
Air flow-rate accuracy	± 8 % R
Temperature range °C/°F	- 20 to +50 °C / -4 to +122 °F
Temperature accuracy °C	0 to 50 °C: ± 0.8 °C -20 to 0 °C: ± 1.6 °C
Functions	Min., Max., HOLD, Average
Recording	Manual start and stop on the product - Programmed recording
Data storage	More than 1 million points
Power supply	- Alkaline batteries: 3 x 1.5V LR6 or rechargeable NiMH battery - Mains connection via the mains / micro USB adapter (option)
Battery life	200 hrs (portable mode) / 8 days for recording (measurement interval: 15 minutes)
Dimensions	Casing: 150 x 72 x 32 mm - Sensor: 160 x 80 x 38 mm Spiral cable: 24 to 120 cm
Weight	approx. 400 g
Ingress protection	IP40 casing
Operating temperature / humidity	-10 to +60 ° C - 10 to 90 % RH





STATE AT DELIVERY

Product delivered with carrying bag, 3 x 1.5V AA alkaline batteries, USB cable, 1 measurement report and quick start-up guide (complete user's manual and Data Logger Transfer software available from the Chauvin Arnoux website)



ACCESSORIES / REPLACEMENT PARTS

Cones kit for flow-rate measurer	nent with meter
(circular cross-section Ø 210mm a	and rectangular
cross-section 346x346mm)	P01654250
Vane sensor Ø80mm	P01654251
Shockproof sheath + Multifix	P01654252
Multifix	P011021007

Mains adapter	P01651023
Carrying bag	P01298075
Metal case	P01298071
Dataview software	P01102095
Bluetooth BLE / USB modem for PC	P01654253
4xAA/LR6 NIMH batteries + charger	HX0053

Data Logger Transfer, the software for analysing your data





Automatic report generation



Exportable in Word format This simplifies printing and archiving

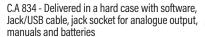
Sound-level meters and manometers



	C.A 832	C.A 834	
Measurement range	37 to 130 dB 30 to 130 dB		
Accuracy	±2 dB	±1,5 dB	
Functions	A and C frequency weighting curves Fast and slow time weighting A and C frequency we curves Fast and slow time weighting		
Analogue output	10 mV/dB or 1 Vrms	10 mV/dB or 1 Vrms	
Data storage	-	32,000 values	
Software	-	Yes	
Dimensions	237 x 60.5 x 38 mm	275 x 64 x 30 mm	
Weight	230 g	285 g	

STATE AT DELIVERY

C.A 832 - Delivered with a shockproof sheath, jack socket for analogue output, universal adapter for tripod mounting, manuals and batteries







ACCESSORIES / REPLACEMENT PARTS

Sound-level meter calibrator
at 94 dB or 114 dB, C.A 833 P01185301
Microphone extension for
C.A 834 (5 metres) P01102085
Wind guard P01102083
Jack/USB cable for C.A 834 P01295478

Manometers









	C.A 850	C.A 852	
Measurement range	-6.89 to +6.89 bar	-138 to +138 mbar	
Accuracy	0.3 % full scale	0.3 % full scale	
Units	psi, bar, mbar, mmH20, inH20, kbar, cmH20, FtH20, mmHg, 0Zin2 , kg/cm2	psi, bar, mbar, mmH20, inH20	
Functions	Differential meas., Min., Max., HOLD		
Dimensions	182 x 72 x 30 mm		
Weight	220 g		

STATE AT DELIVERY

C.A 850 - delivered in a hard case with 2 connection tubes, 1 user's manual in 5 languages and battery

C.A 852 - delivered in a hard case with 2 connection tubes, 1 user's manual in 5 languages and battery



Tachometers

C.A 1727

C.A 1725

Ref.: P01174810



	C.A 1725	C.A 1727		
RPM function				
Range	60 to 100,000 RPM			
Accuracy	10 ⁻⁴ Reading ± 6 cts			
m/min function				
Range	60 to 10,000 m/min.			
Accuracy	10 ⁻⁴ Reading ± 1 increment			
Hz function				
Range	1 to 10,000 Hz			
Accuracy	4 x 10 ⁻⁵ Reading ± 4 cts			
ms function				
Range	0.1 to 1,000 ms			
Accuracy	10 ⁻⁴ Reading ± 5 cts			
Ratio function				
Range	0.1 to 100 %			
Accuracy	0.1 % to 1 %			
Counting function				
Range	-	0 to 100,000 events		
Accuracy	-	±1 event		
Functions	Min., Max., HOLD, Smoothing			
	-	High and low alarm		
Data storage	-	4,000 points		
Dimensions	21 x 72 x 47 mm			
Weight	250 g			

STATE AT DELIVERY

Delivered in hard case with 1 FRB F connector, 1 x 9 V LR14 battery, 1 set of 15 reflective strips (length: 0.1 m), 1 CD-ROM containing the user's manual

ACCESSORIES / REPLACEMENT PARTS

P01174902
P01174903
P01101797
P01101785
P01651023
P01174835
P01295293





Fieldmeters



C.A 40		C.A 41	C.A 43	
Measurement	Magnetic field		Electric field	
Dynamic range	Up to 2 mT	0.1 V/m to 200V/m		
Frequency range	30 to 300 Hz	100 kHz to 2.5 GHz		
Accuracy	±(5 %+3 cts) on the 200µT range	0.7 V/m to 2 dB depending on range		
Sensor	One-way	Isotropic		
Data storage	No	No	Yes	
Dimensions / weight	163 x 68 x 24 mm / 285 g	216 x 72 x 37 mm / 350 g		

STATE AT DELIVERY

C.A 40.... P01167501 delivered with battery and sensor

C.A 41.. P01167001B delivered in hard case with sensor, batteries and user's manuals C.A 43 P01167002A delivered in hard case with batteries, sensor, optical fibre, 1 PC adapter, 1 CD-ROM containing data processing software for the C.A 43



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