

ENVIRONMENTAL TESTERS

The global solution for all your temperature measurement needs



Technical Specification	SEFRAM 9809	SEFRAM 9819	SEFRAM 9874	SEFRAM 9875
Temperature range	-55°C to 250°C	-32 to 420°C	-32 to 530°C	-32°C to 760°C
Resolution	1°C	0,2°C	0,2°C	0,2°C
Accuracy* at 23 °C	2%	1%	1%	1%
Response time	1s	300ms	300ms	300ms
Distance to spot D/S	6:1	20:1	20:1	40:1
Laser sighting	yes	yes	yes	yes
Adjustable emissivity	yes	-	yes	yes
Measurement hold	-	yes	yes	yes
Mode	-	Min/Max/Scan	Min/Max/Scan	Min/Max
High limit	-	-	yes	yes
Low limit	-	-	yes	yes
General Specification				
Display with backlight	LCD	yes	yes	yes
Power supply	CR2032	Battery 9V	Battery 9V	Battery 9V
Dimensions	22,5 x 50 x 103 mm	190 x 38 x 45 mm	190 x 38 x 45 mm	190 x 38 x 45 mm
Weight	65 g	150 g	150 g	150g

SEFRAM 9809 - SUPPLIED WITH : A carrying pouch

SEFRAM 9874 - SUPPLIED WITH : A carrying pouch (SC516)

Sefram 9885

Capabilities

- The new performance standard for infrared thermometers : detecting spot sizes as small as 1 mm for measurement of finest details
- Crosshair laser sighting marks real spot size at any distance
- Temperature range from -35° to + 900°C
- Optical resolution 75:1
- Thermocouple input
- USB interface and graphic software with oscilloscope function for 20 readings per second
- Flip display switches into most convenient viewing position



Technical Specification	SEFRAM 9885
Temperature range	-35 to 900°C
Resolution	0,1°C
Accuracy at 23°C	± 0,75% or ± 0,75°C
Response Time	150 ms
Distance to spot D/S	75:1
Laser sighting	yes
Adjustable emissivity	yes
Measurement Hold	yes
Mode	Min/Max
High limit	yes
Low limit	yes
USB Interface	yes
Software	yes
Thermocouple input	yes
General Specification	
Display with Backlight	yes
Power Supply	Battery 2x1,5V AA
Dimensions	190 x 38 x 45 mm
Weight	420 g



COMPACT THERMO-HYGRO METERS



BK 625

Thermo-Hygro Meter

Capabilities

- 2000 counts display
- backlight
- Hold and Max function

Technical Specification	BK 625
Humidity	0% to 100% RH
Resolution	0,1% RH
Accuracy*	± 2,5% RH
Temperature	0°C to 60°C
Resolution	0,1°C
Accuracy	± 1°C
General Specification	
Function	Hold and Max
LCD display LCD	yes, backlight
Power supply	9V battery
IEC 1010	CAT I
Dimensions, weight	178 x 65,5 x 35, 170g



BK 720

Capabilities

- Triple display
- Relative humidity from 0 to 100%
- Temperature from -200°C to 1370°C
- Min, Max, Rel functions
- Auto power off

A complete range of Humidity and Temperature Meters

Technical Specification	BK720	BK725
Humidity	0% to 100% RH	0% to 100% RH
Accuracy	±2,5% RH	±2,5% RH
Temperature	T1: -20°C to 60°C T2: -200°C to 1370°C	
Resolution	0,1°C	0,1°C
Accuracy	T1: ± 0,7°C T2 : ±(0,3%+1°C)	
Datalogger mode	-	yes
Measurement rate	-	1sec to 59 mn 59 sec
Memory capacity	-	16 300
General Specification		
LCD display	triple display	triple display
Power supply	9 Vbattery (BE-9) optional	9 Vbattery (BE-9) optional
IEC 1010	CAT I	CAT I
Dimensions, weight	270 x 68 x25 mm, 820 g	270 x 68 x25, 930 g



BK 725

Capabilities

- Same as BK720,
- Datalogging function with 16300 values
- Datalogging interval from 1s to 59mn 59s
- Supplied with software and • RS-232 cable



BK 710

Capabilities

- Dual input digital thermometer
- Dual display
- T1, T2, T1-T2 select
- K thermocouple from -200°C to 1370°C
- Max, Min, Avg, Rel functions
- Units: °C/°F
- Auto power Off

BK 720 SUPPLIED WITH : Bead probe and humidity sensor.

BK 725 SUPPLIED WITH : same as BK720, kit with software, RS-232 cable and protective case.



Technical Specification	BK710	BK715
Temperature	T1 and T2 : -200°C to 1370°C	
Resolution	0,1°C	0,1°C
Accuracy*	± (0,2% + 1°C)	± (0,2% + 1°C)
Datalogger mode	-	yes
Measurement rate	-	1 sec to 59 mn 59 sec
Memory capacity	-	16 000
General Specification		
LCD display	dual display	triple display
Power supply	9V battery, (BE-9) in option	
RS-232 Interface	yes	yes
IEC 1010	CAT I	CAT I
Dimensions, weight	184 x 64 x 30mm, 210 g	184 x 64 x 30mm, 320 g

BK 710 SUPPLIED WITH : Thermocouples and protective case.

BK 715 SUPPLIED WITH : same as BK710 + software + RS-232 cable



BK 715

Capabilities

- Same as BK710,
- Triple display
- Datalogging function with 16300 values
- Datalogging interval from 1s to 59mn 59s
- Supplied with software and RS-232 cable



BK 615

Compact digital lightmeter

Capabilities

- 2000 counts display
- 20 lux to 20000 lux (20fc to 20kfc)
- Max, Hold function

Technical Specification		BK 615
Ranges		20 Lux to 20 000 lux
Resolution		0,01 lux
Accuracy*		± (3% + 10 d)
Measurement rate		2,5 mes./sec
General Specification		
Display		LCD, 2000 counts
Power supply		9V battery
IEC 1010		CAT I
Dimensions		190 x 65,5 x 35 mm
Weight		220 g

Optional accessories : see page 54, 55, 56, 57.



BK 731A

Precision Anemometer

Capabilities

- Measurements unit: m/s, ft/mn, Km/h, knots, MPH
- Auto power Off
- Min, Max, Avg, Hold functions
- Backlight display

Technical Specification		BK 731A
Ranges		0 to 30 m/sec
Resolution		0,01 m/sec
Accuracy*		± 3%
Temperature		
Ranges		-20°C to 60°C
Resolution		0,1°C
Accuracy		± 0,5°C
General Specification		
Display		4 digits LCD
Power supply		9V battery
IEC 1010		CAT I
Dimensions		228 x 65,5 x 35 mm
Weight		330 g

Optional accessories : see page 54, 55, 56, 57.



BK 627

Carbon Monoxide Meter

Capabilities

- Portable and simple one hand operation
- Backlight
- Wide CO measuring range from 0 to 1000ppm
- Electrochemical sensor
- Max, Hold function

Technical Specification		BK 627
Ranges		0 to 1000 ppm
Sensor		Electrochemical
Accuracy*		± (5% + 5ppm)
General Specification		
Display		LCD 2000 counts
Power supply		9V battery
IEC 1010		CAT I
Dimensions		189 x 67 x 35 mm
Weight		200 g

Optional accessories : see page 54, 55, 56, 57.



BK 732A

Sound level Meter

Capabilities

- 30db to 130db ranges
- 4 digit LCD, 0.1dB resolution
- Electric condenser microphone with windscreen
- Max, Min function

Technical Specification		BK 732A
Ranges		30 to 130 dB (ranges)
Time weighting		dBA, dBC
Dynamic range		50 dB
Frequency range		31,5Hz to 8KHz
Accuracy* (94 dB at 1 KHz)		± 1,5dB
General Specification		
Display		LCD 2000 counts
Power supply		9V battery
IEC 1010		CAT I
Dimensions		275 x 64 x 30 mm
Weight		285 g

BK 735 : BK 732A with datalogger mode, RS- 232 delivered with external software.

Optional accessories : see page 54, 55, 56, 57.

TEMPERATURE PROBES



ST 301

Immersion probe for liquid and gels
K type (-196°C to 800°C)



ST 302

Air probe
K type (-196°C to 500°C)
Metal protector



ST 303

Surface probe
K type (0°C to 400°C)



ST 304

Piercing probe
K type (-196°C to 800°C)
Dedicated to food industry



ST 305

Bead probe
K type (-40°C to 204°C)

ST 309

Bead probe for high temperature
K type (-40°C to 500°C)

Instruments / Probes compatibility

	7305 BK390A	BK2706A BK630	BK710 BK715	BK720 BK725	9810	7337	7345	SEFRAM LOG
Direct (no adapter)	x	x	x	x	x	-	-	-
With ST306 adapter	-	-	-	-	-	x	x	-
With SA210 adapter	-	-	-	-	-	-	-	x

x = compatible
- = incompatible

Caution: it is necessary to check compatibility between temperature range of instruments and probes

Network Cable testers

Capabilities

- Auto scans thin Ethernet (BNC), 10BaseT, 100BaseTx, RJ45, 356A, TIA 568A&B, and Token Ring cables
- Detects mis-wiring, polarisation, and continuity
- Tests cables before or after installation with the remote unit
- Easy to read LED display



BK 230A



BK 231A

Tone generator

BK 262

Power supply	battery 9V
Output voltage	8 V peak
Frequency	0,7 kHz to 1,4 kHz
Current	35 mA max
Dimensions	178 x 48 x 29 mm
Weight	170 g
LINE TRACER	
Distance of use	1 to 30 cm
Loudspeaker	included (mylar)
Power supply	battery 9V
Dimensions	187 X 48 X 29 mm
Weight	140g



BK 262

Capabilities

- Tests 10BaseT, 100BaseTx, 10Base2, RJ45, RJ11, 356A, TIA 568A&B, and Token Ring cables
- Detects open, short, cross, and continuity
- Tests Point to Point, rather than Pair to Pair
- Easy to read LED display

Capabilities

- Tone Generator: The Tone Generator is a hand held, battery powered instrument designed to perform a variety of tests on unenergized telephone lines or LAN cables.
- Cable Tracer: The Line Tracer is a hand held inductive tracer that will help to identify wires without piercing the insulation. It can trace Tone Generator signals through dry wall, wood and many other non metal surfaces.

Technical Specification	BK 230A	BK 231A
Display	LED	LED
Protective holster	yes	yes
Belt clip	yes	yes
Power supply	9V battery	9V battery
Dimensions	128 x 77 x 40 mm	128 x 77 x 40 mm
Weight	172g	172g