

BOREAS

Three sided concentration clock with wind and temperature measurement

Overview

The BOREAS displays a concentration clock, ambient temperature and when connected to a SIROCCO wind gauge will display the wind speed.

When connected to a SCAN'O'VISION photofinish camera, the wind speed can be automatically measured and displayed (without field operator).

The BOREAS can also be used as a lap counter which makes it a real all-in-one compact field display.

The BOREAS 150 has 16 cm digits with extra bright LEDs (viewing distance up to 80 m), while the BOREAS 250 has extra large 26 cm digits (viewing distance up to 130 m).

A light sensor automatically adapts the display brightness to the ambient light conditions to provide the optimum readability.

The brightness can also be manually chosen within 15 steps. The three sided design ensures maximum visibility from all angles.

An internal battery provides 8 hours of autonomy. Moreover, it is mounted on wheels for maximum mobility.

The set is delivered with an easy to use handheld console with keyboard and display.



BOREAS three-sided display with high visibility LEDs

Top features

- Concentration clock
- Windgauge function (optional, see SIROCCO unit below)*
- Temperature display
- Lap counter display
- Internal horn
- Stand-alone capacity of up to 8 hours with internal battery
- RS422 serial transmission to results system or OSV photofinish camera
- Automatic or manual brightness adjustment

Specifications

BOREAS sets 3436.920 and 3436.921 include the controller 3436.730 with a 3.5 m cable.



BOREAS 150



BOREAS 250



Controller

Article number :	3436.920	3436.921
Dimensions :	95 x 83 x 45 cm	120 x 105 x 56 cm
Weight :	33 kg	40 kg
Display (amber LEDs) :	16 cm digits	26 cm digits
Viewing distance :	80 m	130 m
Material :	aluminium	
Power supply :	100-240 VAC, 50/60 Hz	
Power consumption :	110 VA (max.)	150 VA (max.)
Battery autonomy :	8 hours	
Data connections :	DH : Tuchel 7pF (RS422) Controller : SubD 9pM (RS232) Wind sensor : Tuchel 7pM (RS422)	
Operating temperature :	0 to +50°C	
Storage temperature :	-25 to +70°C	
Relative humidity :	80% (non condensing)	
Protection :	IP54	
Certifications :	CE and RoHS compliant	

Article number :	(this item is included in the sets)
Dimensions :	160 x 95 x 31 mm
Weight :	0.5 kg
Display :	2 x 16 characters LCD
Keyboard :	20 keys keypad
Material :	ABS
Power supply :	12 VDC (powered by BOREAS)
Power consumption :	1 VA
Data connections :	SubD 9pF (RS232)
Operating temperature :	0 to +50°C
Storage temperature :	-30 to +85°C
Relative humidity :	80% (non condensing)
Protection :	IP54
Certifications :	CE and RoHS compliant

* Windgauge SIROCCO Data:

Duration of measurement: Long Jump and triple jump – 5 sec; 100 and 200m – 10 sec; 100 and 110m hurdles – 13 sec.

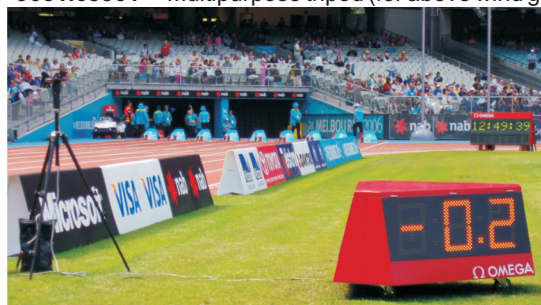
Frequency of samples: 4 x samples per second, per measurement.

Rounding: Average wind speed is rounded up to 1/10th m/s. (e.g. -1.23m/s - 1.2m/s and +1.23m/s + 1.3m/s)

Options

3436.910 : SIROCCO - BOREAS/OSV Remote wind gauge (includes 5 m cable)

9051.6336 : Multipurpose tripod (for above wind gauge)



The optional windgauge unit SIROCCO with its tripod, associated to the BOREAS.



The BOREAS displaying the temperature.

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