





Elements of PMP 124A Portable Station



Stationary version of PMP 124A

## TECHNICAL DATA

### ***PMP 124A Unit***

Dimensions	190 mm * 160 mm * 50 mm
Mass	1.6 kg
Operating temperature	-30 to +50 deg. C
Environmental protection	Hermetically sealed case
Display	LCD, alphanumeric, illuminated, 2 rows by 24 characters
Connectors	SOURIAU, waterproof
Function keys	Sealed, with mechanical contacts
Power supply	internal 12V Pb battery or external source
Autonomy	24 h
Power consumption	50 mA
Battery charging	voltage and current limiter
Data transfer	RS232, serial, adjustable Baud rate, 8 bits, 1 STOP bit, no parity (RS485 as an option)
Distances of data transfer	RS232: 15 m max, RS485: 5000 m max
Air pressure sensor	built in, accuracy 1 mB

### ***Meteorological Mast***

Height	Telscopic, self standing, 2 m
Number of sections	2
Sensors	Temperature 0.35 and 1.85m, RH 1.85 m, wind 2m
Cabling	Included

### ***VMT 107A Wind Sensor***



Operating temperature	-30 to +50 deg. C
Wind speed transducer	Stroboscope, Robinson's cross
Wind direction transducer	6-bit Gray code encoder, wind vane
Type of transducers	optoelectronic
Wind speed range	0 to 50 m/s
Wind speed constant	20 imp./m
Wind speed accuracy	+/- 0.5 m/s
Resolution of wind direction part	+/- 5.6 deg.

AMES d.o.o., Jamova 39, SI-1000 Ljubljana, Slovenia (seat)  
 Post address: Na Lazih 30, SI-1351 Brezovica

**Tel:** +386 1 365 71 01

**Fax:** +386 1 365 71 02

<http://www.ames.si> EMAIL: [info@ames.si](mailto:info@ames.si)

### **Temperatures**



Sensor type	thermolinear thermistor
Accuracy	+/- 0.15 deg. C
Measuring range	-30 to +50 deg. C
Protection	air temperatures: UV resistant radiation shields, soil temperature: stainless steel probe

### **Relative Humidity**

Sensor type	Capacitive
Measuring range	10% to 100% RH
Accuracy	+/- 5% RH

### **Battery Charger**

Input voltage	220 to 240 V, 50 to 60 Hz AC
Output voltage	13.8 V DC, stabilised