

REACTEC

INFORM : PROTECT : DEPLOY

Standard HAVmeter



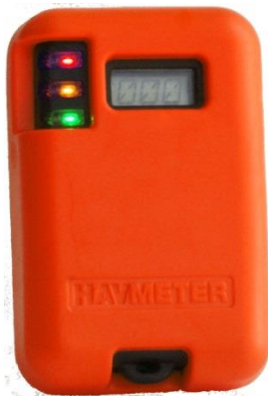
For more information call: 0131 221 0930 or email: sales@reactec.com

www.reactec.com

Features and Benefits

The HAVmeter system has been specifically designed to monitor Hand Arm Vibration (HAV) exposure from hand tools.

The HAVmeter has been fitted with a built in lanyard loop for added safety to comply with the working at heights directive, assisting operators in hazardous environments when using power tools.



Technical Performance

IP Rating
IP65

Operating Temperature Range
-20°C to +50°C

Storage Temperature Range
-20°C to +50°C

Memory
Up to 200 tool connections

Communications
Close range inductive data communication
(13.56MHz)

Battery
Internal lithium ion polymer Rechargeable battery

Charge Time
Up to 10 hours

Battery Life
Up to 14 hours

Standards
EN302 291-2 v 1.1.1 Close Range Inductive data communications operating at 13.56MHz

EN301 489-1 and EN 301 489-3 EMC
EN61010-1 Electrical Safety
EN 60529 / IEC 529. Ingress protection to IP65

Dimensions
76mm x 51mm x 30mm

Weight
80g to 85g

LCD Screen Size
17mm

System components

Tool Tags

Tool Tags are bonded to tools and contain tool information and tool vibration levels.



Basestation

The Basestation provides data archiving and charging for up to 8 Standard or ATEX HAVmeters.

HAVmeters are assigned to operators using personalised swipe cards or manually via the keypad.

The Basestation is not suitable for use in potentially explosive atmospheres.



- **Dimensions:** 382mm * 173mm * 33mm
- **Weight:** 1025g
- **IP Rating:** IP20
- **Operating Temperature Range:** 0°C to +40°C
- **Storage Temperature Range:** 0°C to +40°C
- **Memory:** 10 years
- **Communications:** Close range inductive data communication (13.56MHz)
- **Battery:** Internal lithium battery CR1220
- **Power:** 12VDC

Communications Module

The Communications Module adds GPRS communications to the Basestation. It includes the hardware for WiFi, Ethernet communications and RFID hardware for future enhancements.

The Communications Module is not suitable for use in potentially explosive atmospheres.



- **Dimensions:** 387mm * 188mm * 35mm
- **Weight:** 710g
- **IP Rating:** IP20
- **Operating Temperature Range:** -20°C to +55°C
- **Storage Temperature Range:** -20°C to +55°C
- **Communications:** GPRS and I2C (WiFi, Ethernet and RFID in the future)
- **Power:** 12VDC