



**Part Number DESCRIPTION**

**List Price (SAUD)**

303-KIT02 vPod Lite Hardware Kit includes: -  
 vPod Lite Vibration Meter  
 Coiled Accelerometer Cable  
 Accelerometer WR 786A  
 Magnetic Accelerometer Base  
 Spike Detection Probe  
 Hard carrying case  
 Soft carrying case  
 User Manual

**\$1,975**

**Features**

Microprocessor based instrument  
 Measures vibration, acceleration, velocity and displacement  
 Large backlit LCD screen  
 Easy to operate with one button selection of unit system (Metric, English) and vibration unit (velocity, displacement, acceleration).  
 Smart display shows vibration unit, detection and battery power  
 Auto detects accelerometer and cabling condition  
 24 bit high precision A/D converter and non-linear compensation for high accuracy  
 Conforms to ISO 2954 and ISO 10816 standards  
 IP 65 rated dust and splash-proof housing  
 AC output 2.8V and optional headset  
 Auto power off 10 minutes after pressing any key  
 Each meter supplied with full band calibration certificate

**Specifications**

A/D Converter: 24 bit  
 CPU: ADI ADuC847  
 Displacement Range: 0 - 1999 um (0 - 78.7mil), p-p (10 - 1KHz BP)  
 Velocity Range: 0.0 - 199.9 mm/s (0 - 7.87 in/s), 0-p (10 - 1KHz, ISO2954, ISO10816)  
 Acceleration Range: 0.00 - 19.99 g, rms (10 Hz HP)  
 Selectable Units: -  
 Acceleration: g(rms), g(peak), m/s2(rms), m/s2(peak)  
 Velocity: mm/s(rms), mm/s(peak), in/s(rms), in/s(peak)  
 Displacement: um(p-p), mil(p-p)  
 Displacement Accuracy: ±5% (10 - 1 kHz)  
 Velocity Accuracy: ±5% (10 - 1 kHz)  
 Acceleration Accuracy: ±5% (10 - 10 kHz)  
 Battery Indicator: Low, 25%, 50%, 75%, full, graphical indicator  
 Sensor Bias Indicator: Normal, open, short, graphical indicator  
 Back Light: LED back light, auto off  
 Sensor's Sensitivity Range: (7 - 1300mV/g by user input)  
 Housing Rating: IP 65, with EMI protection  
 EMI Protection: CE mark  
 AC Output: ±2.8V  
 Power Supply: 9V alkaline battery x 1 (about 40 hours operation)  
 Auto Power Off: 10 minutes after pressing any key  
 Display: 120 x 32 graphic mode LCD  
 Analog Input Connector: 4 pin LEMO connector  
 AC Output Connector: 2 pin LEMO connector  
 Size: 172 x 92 x 32 mm  
 Weight: Approx. 300 gram (including battery)



**WR 786A Accelerometer Specifications**

Sensitivity:	100 mV/g typical
Frequency Response:	3 Hz - 5 kHz ± 5%
Resonance Frequency:	30 kHz
Shock Limit:	5000 g peak
Broadband Noise:	700 ug

**Terms & Conditions**

DELIVERY: \$20.00 Airbag  
 AVAILABILITY: Usually Ex Stock  
 GST APPLICABLE: +10% GST has not yet been applied  
 WARRANTY: 12 months as per manufacturers standard  
 PAYMENT: Visa/Mastercard  
 VALIDITY: 30 - days