



9043 - Smart Wireless THREE channel Vibration & Bearing Wear Analyser & Data Collector



- Wireless or USB-C Charging
- Wireless communication to Android Tablet allowing readings to be viewed from a safe distance with analyser behind safety barrier
- True simultaneous 3 channel capture
- Standard BNC connectors
- Rugged design - IP67 rating
- Compatible with Triaxial Accelerometer
- Compatible with Proximity Probes
- Data transfer by USB-C where Bluetooth is not permitted
- Supplied in protective, magnetic, rubber boot for hands free use.
- 24 bit A/D Converter
- DC to 30kHz Frequency Range
- 100 to 51,200 Line Resolution
- 108dB Dynamic Range

Works with the FREE, subscription FREE Ultra III Android Tablet app

- 2/10Hz to 1kHz ISO standard for assessing Unbalance, Misalignment or Looseness
- 1kHz to 10kHz BDU range for identification of Bearing Condition
- High resolution (0.2 Hz) frequency spectra from 2 Hz to 10 kHz
- Single & Dual Plane Balancing
- No tachometer (4-run) Balancing
- Screen Cursors - Single, Harmonic, Moving Harmonic, Sideband, and Time/Frequency for waveform
- Demod & Coast Down
- Phase & Orbit Plots
- Gap Voltage Display
- Download Routes with Inspection points
- Clear, easy-to-read and navigate touchscreen



For technical information, solution range, applications, prices and where to buy - Contact TPI Europe on: -

+44 (0) 1293 530196 ♦ cbmsales@tpieurope.com ♦ www.tpieurope.com



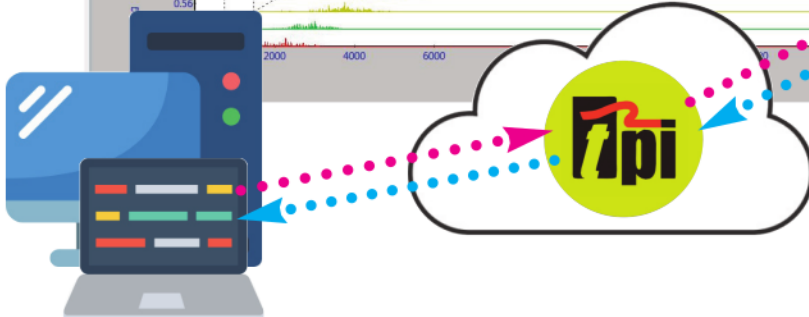
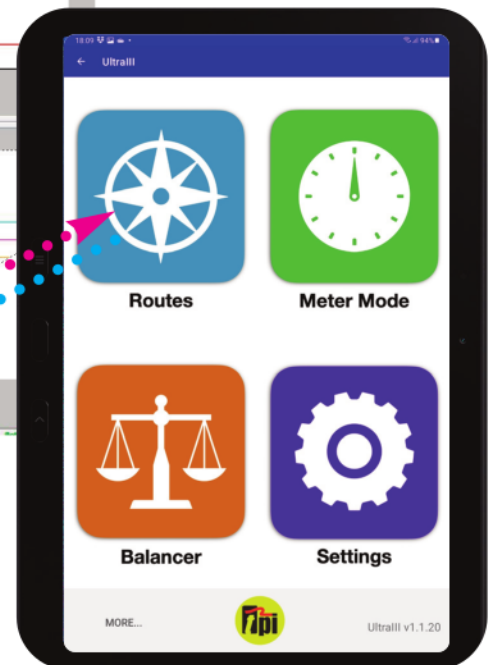
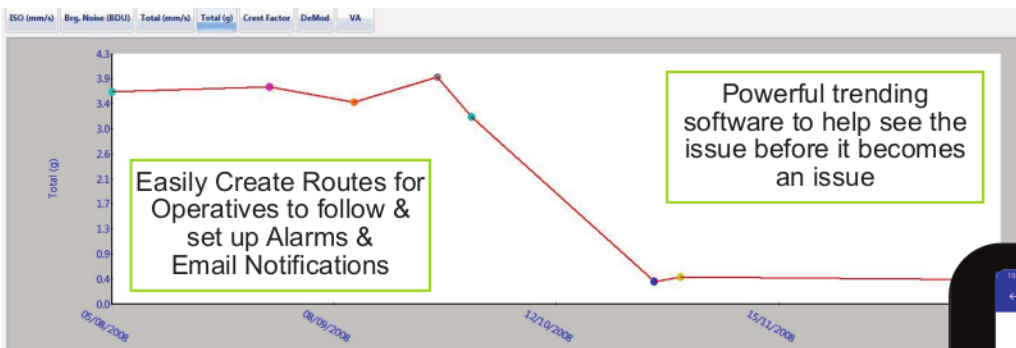
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9043-K1 - Smart Wireless THREE channel Vibration Analyser Kit

Comprising of 1 x 9043 Wireless 3 Channel Vibration Analyser, 1 x Android Tablet running the FREE, Subscription FREE Ultra III app, 2 each A9018 Accelerometers with Curly Cable & Magnets, 1 each 505L Tachometer & Cable in a BP1 Rucksack



9043-K2 - As 9043-K1 plus C-Trend II PC activation





9043 & Ultra III - Specifications

9043 Signal Parameters	
Simultaneous Channel Capture	3 Channels
Input	<ul style="list-style-type: none"> ● IEPE (Powered and Unpowered) ● DC or AC voltage
Amplitude	+/-0.5V, +/-5V, +/-30V
Frequency Range / Resolution	1-Channel Mode <ul style="list-style-type: none"> ● DC to 30kHz ● 100 to 51,200 Lines 3-Channel Simultaneous <ul style="list-style-type: none"> ● DC to 10kHz ● 100 to 12,800 Lines
BDU - Bearing Noise - Frequency Range	1kHz - 10kHz
Dynamic Range	108dB
A/D Converter	24 bit
9043 Sensor Inputs	
Sensor Connection	3-Standard BNC Connectors
Sensor Types	millivolt sensors (e.g. accelerometer, velocity, displacement, temperature, tacho etc.)
Triaxial Accelerometer Compatible	Yes
Proximity Probe Compatible	Yes
Tachometer Input	Yes
9043 Information	
Connection	Bluetooth or USB-C
Battery Life (Continuous Use)	Up to 15 hours
IP Rating	IP TBC
9043 Headphone Compatible	
Bluetooth (A2DP)	Yes
ULTRA III App	
Screen Cursors	Single, Harmonic, Moving Harmonic, Sideband, and Time/Frequency for waveform
Band Alarms	Yes
Peak to Peak Displacement	Yes
No tachometer (4-run) Balancing	Yes
Single & Dual Plane Balancing	Yes
Balancing RPM (Range) Low Limit	120 RPM
Diagnostic Features	Demod, Coast Down, Phase & Orbit Plots, Gap Voltage
Ultra III Route Transfer	
USB-C	Yes
Bluetooth	Yes
Cloud	Yes



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9043 & Ultra III - Optional Extras

9043-PELI - Upgrade to Peli Case with foam inserts



Wireless Bluetooth Accelerometer

WA101

TPI9075



TBC - Triaxial sensor & cable

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