

767 Portable Analyser

Total measurement and analysis capability for monitoring and analysing vibration in rotating plant, designed for:

- Plant Commissioning
- Machine Balancing
- Troubleshooting
- On-Line Monitoring
- Return-to-Service

Description

The 767 Portable Multi-channel Parallel Analyser offers unrivalled facilities in a compact, rugged and portable unit weighing less than 12.5kg.

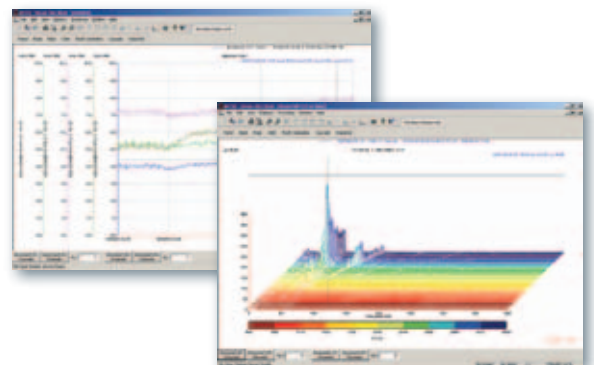
Building on the outstanding success of Beran's 766 Analyser, the 767 is ideal for both on-line commissioning and fault-finding applications, and also as a standalone or remote system for longer-term monitoring or analysing intermittent faults or problems.

Full control of measurement, analysis and alarm configurations is achieved via a local Ethernet-capable PC, or via WAN or modem links to anywhere in the world.

The PC is not required for unattended operation, giving greater security and eliminating the possibility of the PC being removed without authorisation.

Key Features

- Up to 32 parallel dynamic channels, plus 16 additional static (DC), 8 digital and 4 tacho inputs
- Dynamic inputs: acceleration, velocity, displacement or dynamic pressure sensors
- Built-in ICP supply; high and low pass filters
- Dynamic Measurements:
FFT up to 5kHz, 4000 lines, Order 1 plus 3 additional Orders, overall level, sub-sync level, max sub-sync frequency, intra-harmonic level, non-sync level, gap, phase, FFT Bands
- Comprehensive alarm detection and alarm-initiated actions, including configurable storage, acquisition rate increase and alarm relay activation.

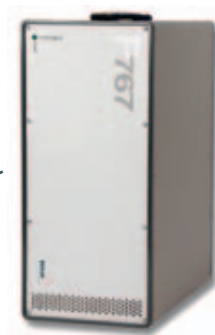


PlantProtech™

- Lightweight: under 12.5kg
- Remote user interface via PC running Microsoft® Windows™
- Real-time data displays including: FFT, waterfall, time domain, text, orbit, up to 8 plots per display, one-hour data buffer
- Historic data displays: bode, polar, 3D polar, waterfall, trend
- Overlaying of live and historic data in real-time
- File output in CSV format for export to external applications
- Internal high capacity solid-state disk for rugged data storage
- Ethernet communications: TCP/IP on RJ45
- High speed internal modem
- Dimensions: 193x425x355mm
- Carry-case options available
- Input power: 95-240V AC 45-65Hz



Remote Engineering Workstation



Beran P767



Engineering Laptop



This document is not contractual. Beran maintain a policy of continuous product development and improvement. This specification may change without notice.

Beran Instruments is registered to BS EN ISO 9001 / AS9100

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