

Item	Specification
A) Application	For measuring, analyzing and performing vibration of rotary equipment.
B) Features	<ul style="list-style-type: none"> a. Portable b. Dual Channel System c. Full Featured Vibration Analysis d. Cross Channel Analysis e. Industrial design safety glass IP 65 f. Route and analyze program g. Operating temperature up to 50° C h. Rechargeable battery power supply i. Resolution up to 64,000 lines j. Data analysis speed (400 line /1000 Hz, spectrum at 0.14 sec/average) k. Frequency response (DC-10 Hz to DC-80 KHz) l. Computer interface software based m. Full VGA, Large Color display. n. Henning or uniform windows. o. Single, Harmonic, moving harmonic, sideband cursor. p. Embedded diagnostic/expert intelligence. q. Advanced Diagnostics bearing analysis. r. Easy to read field reports with color coded alarms. s. More than 512MB memory for program and data storage. t. Filters to attenuate all alias components to below noise level. u. Output communication with Host computer with USB, Ethernet, Serial or E-Mail able data files. <p>Power Supply</p> <ul style="list-style-type: none"> ➤ AC 220V 50 Hz, Single phase. ➤ Battery Li-Ion with charger (Battery operation Time approx. 08 Hrs.)
C) Software	<ul style="list-style-type: none"> a. Vibration measurement and analysis software. b. Cross channel analysis software. c. Trend Analysis software. d. Reporter software. e. Advance level software with following feature: <ul style="list-style-type: none"> • Interactive data base engine. • Automated diagnostics program. • Automated statistical calculation program. • Vibration analyzer communication program. • Data plotting analyses program. • Exception alarm reporting program. • Fault frequency calculation program. • Component database for bearing motors and gears. • Manual data entry program database management program. • Data base repair. • RBM viewer (lite). • Open database connectivity driver. • Database Management Program. • Upgradeable

D) Accessories	<ol style="list-style-type: none"> 1. Spare LCD (01 No.) 2. Accelerometer with cable (02 Nos. each) 3. Magnet (02 Nos. each) 4. Dual Channel Accelerometer adapter. (02 Nos. each) 5. Hard-shell storage case. 6. Coiled accelerometer cable 7. USB communication cable 8. Shoulder/hand straps. 9. Adhesive Screen Protectors (10 Packs) 10. Firmware/instructional CD. 11. Battery packs rechargeable (05 Nos.) 12. Battery charger (02 Nos.) 13. Power cables 14. Data cables 15. All standard accessories of KIT. 16. User documentation/ Manual
E) Manual	Printed user manual for operations maintenance, troubleshooting, electrical and electronics circuit diagram in English
F) Calibration Certificate	Calibration certificate for equipment & accessories
G) Service back-up	Suppliers/ manufacturer shall necessarily have service back up in Pakistan
H) Software Back Up	Original software back up CDs as part of supply package
I) Spare Parts	Five years spares for continuous operation
J) Inspection	Pre- Shipment inspection and testing at manufactures premises
K) Training	Level-I technological training of vibration analysis and condition monitoring for two engineers in Pakistan free of cost as a package of supply.
L) Make	SKF Proftechnik

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