

VI-400Pro

WHOLE BODY
VIBRATION MONITORING
Quick Start Setup Guide

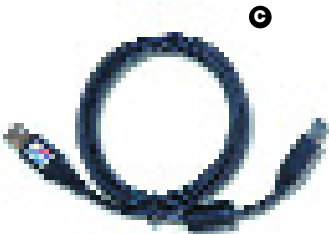
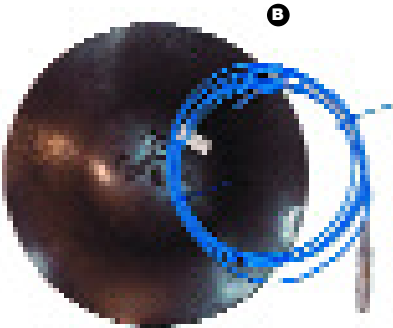


Step 1.



Gather Required Equipment

- A** VI-400Pro Advanced Vibration Analyzer
- B** Seat Pad Accelerometer with Cable
- C** USB Computer Interface Cable
- D** IBM-compatible PC with USB Port
- E** QuestSuite® Professional II (QSP II) Application Software CD



Step 2.

Install QSP II Application Software

(Refer to QSP II Software Installation Instructions provided with software CD)

Step 3.

Turn on VI-400Pro using the Proceed/Pause and Start/Stop buttons simultaneously



Step 4.

Connect USB Computer Interface Cable between VI-400Pro and PC

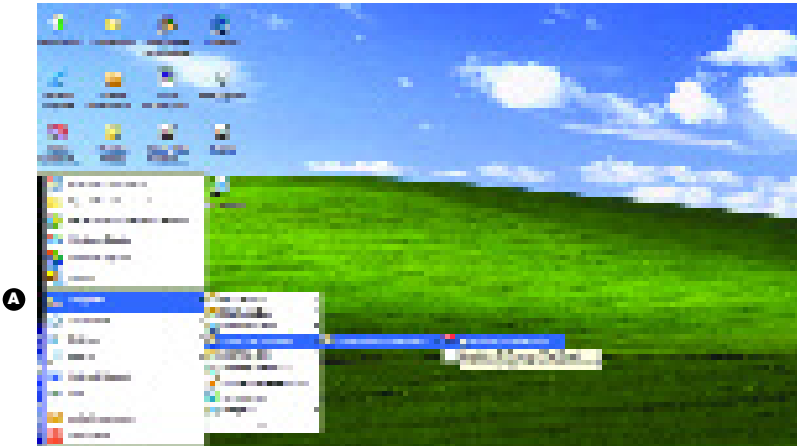


Step 5.



Launch QSP II Application Software

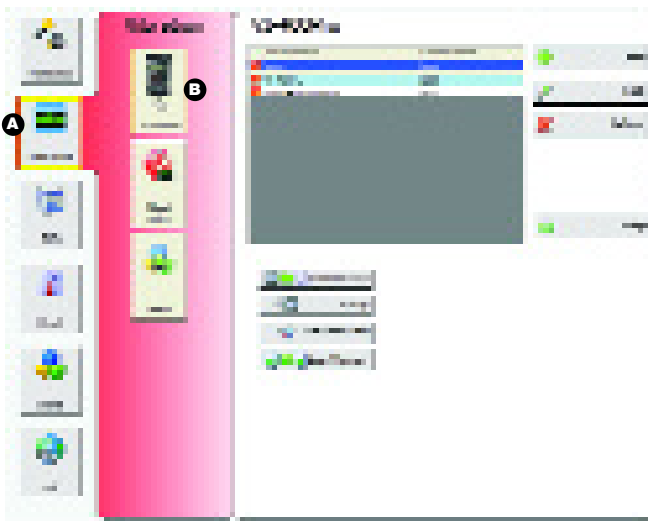
- ➊ Click on Start>Programs>Quest Technologies>QuestSuite Professional II>QuestSuite Professional II



Step 6.

Add VI-400Pro to QSP II My Instruments Database

- ➋ Select the Vibration Icon
- ➌ Select the VI-400Pro Icon

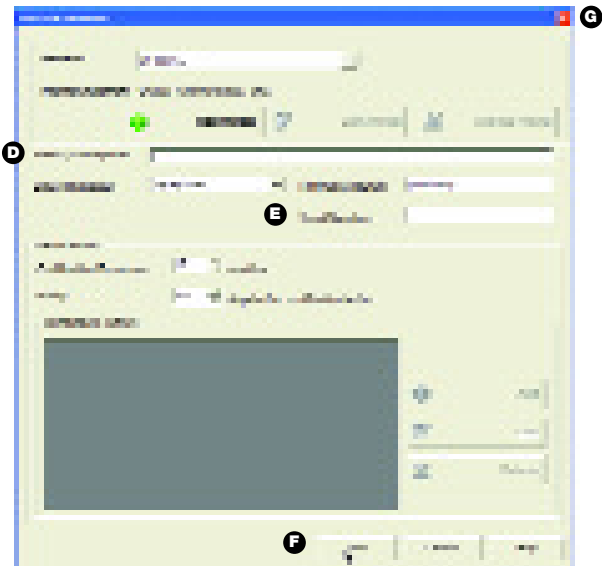


Step 6. (continued)

- Ⓒ Select Add button



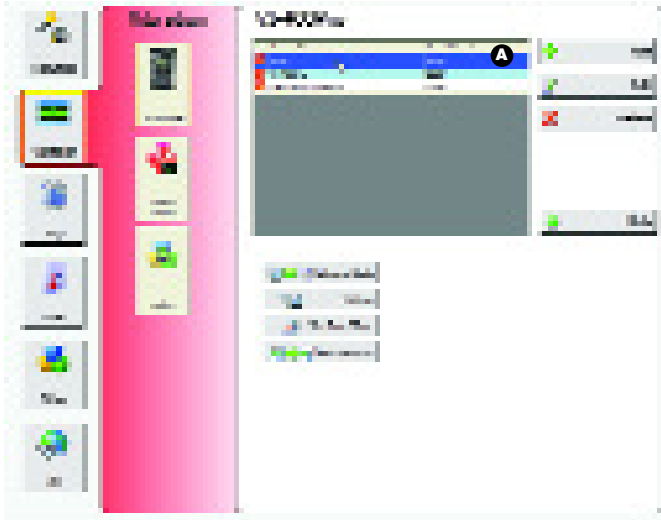
- Ⓓ Enter Name/Description
- Ⓔ Enter Serial Number
- Ⓕ Click Add Button
- Ⓖ Close Add Instrument Window



Step 7.

Setup VI-400Pro for Whole Body Vibration Monitoring

- Ⓐ Click on instrument to be programmed in list of VI-400Pro Device Names/Serial Numbers

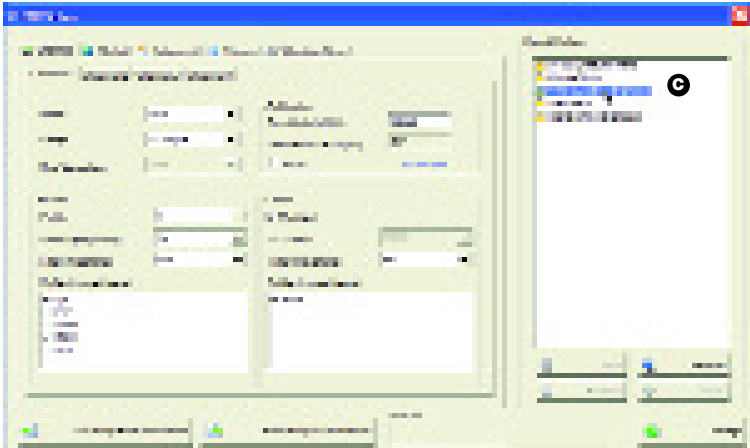


- Ⓑ Click on Setup icon

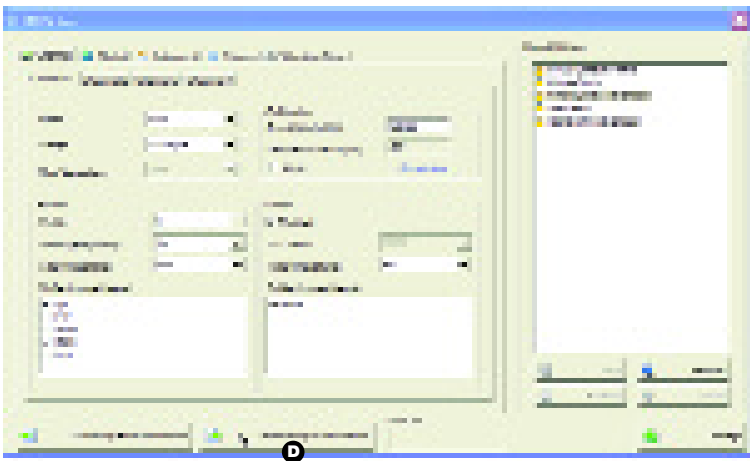


Step 7. (continued)

- Ⓒ Click on either Whole Body (broadband measurements only) or Whole Body Advanced (broadband and 1/3 Octave Real Time Frequency Analysis) from list of Saved Setups

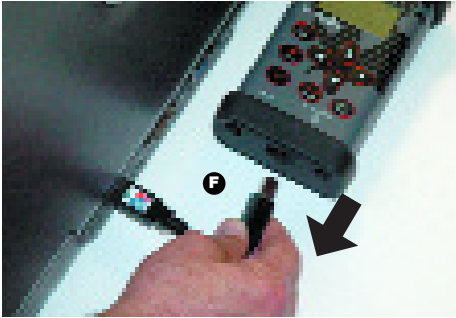


- Ⓓ Click Send Setup to Instrument icon
- Ⓔ Close VI-400Pro Setup window

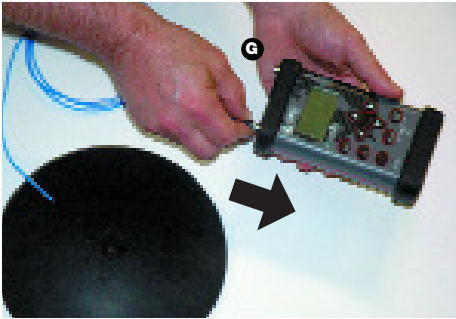


Step 7. (continued)

- F Disconnect USB cable from VI-400Pro



- G Connect Seat Pad Accelerometer to VI-400Pro



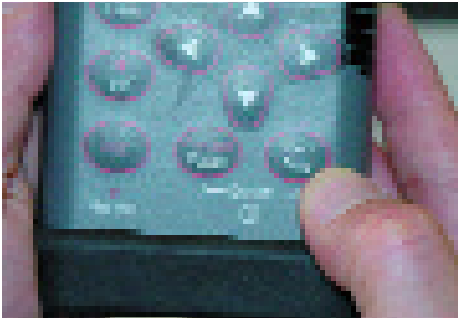
Step 8.

Place Seat Pad Accelerometer on Seat of Vehicle to be Monitored



Step 9.

Place VI-400Pro in Run Mode to Recording Data by pressing the Start/Stop button



Step 10.



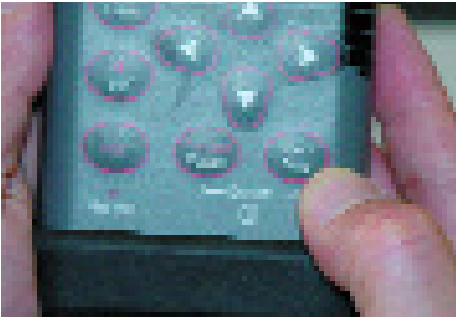
Have Vehicle Operator Sit on Seat Pad

Collect Data While Vehicle is in Use



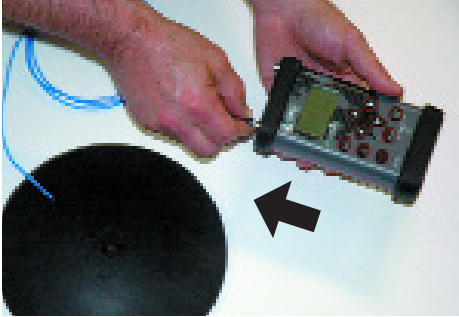
Step 11.

Stop Recording at End of Desired Monitoring Period
by pressing the Start/Stop button



Step 12.

Disconnect Seat Pad Accelerometer



Step 13.

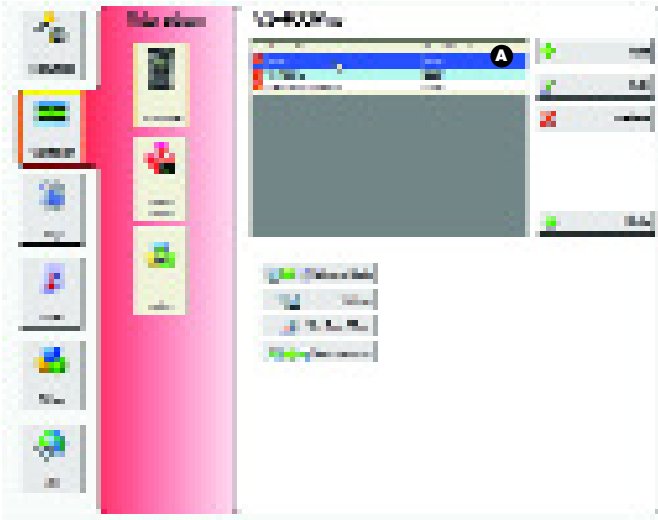
Connect USB Computer Interface Cable between VI-400Pro and PC



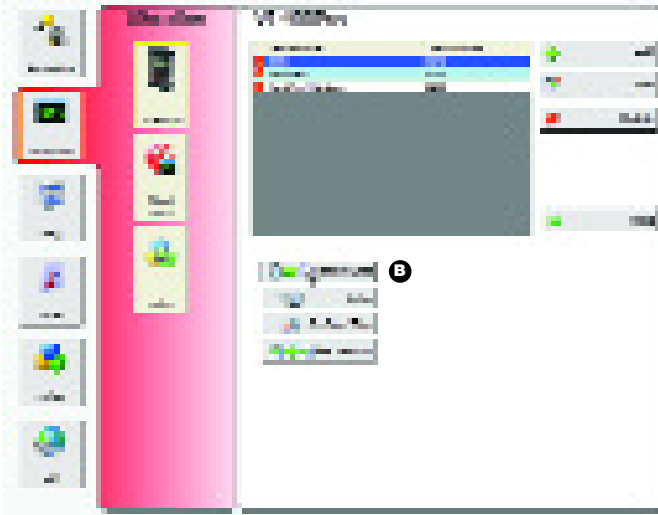
Step 14.

Download Recorded Data from VI-400Pro to QSP II

- Ⓐ Select instrument to be uploaded from list of VI-400Pro Device Names/Serial Numbers

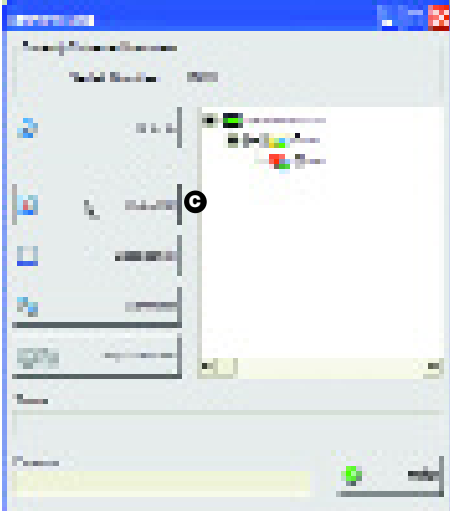


- Ⓑ Click Retrieve Data icon

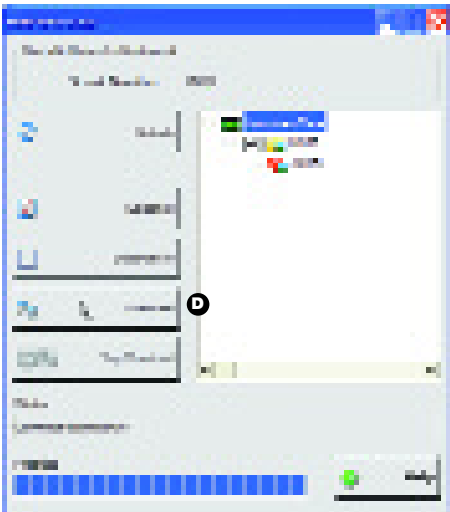


Step 14. (continued)

Ⓒ Click Select All icon

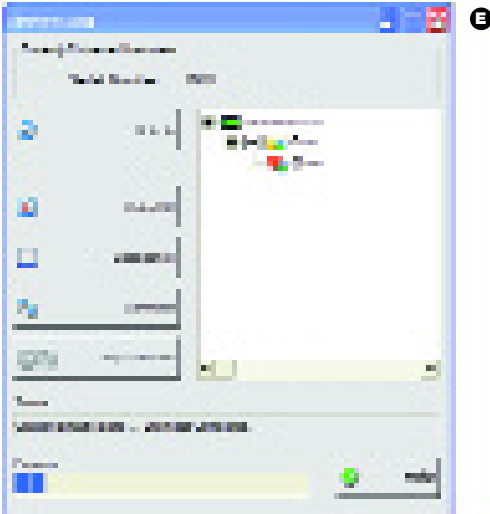


Ⓓ Click Download icon

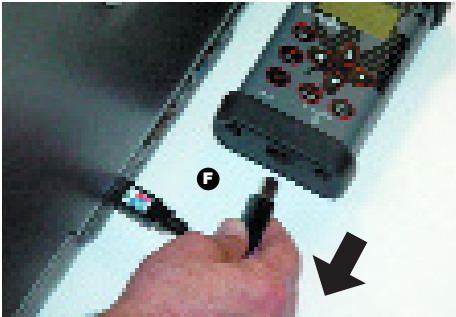


Step 14. (continued)

E Close Retrieve Data window



F Disconnect USB cable from VI-400Pro



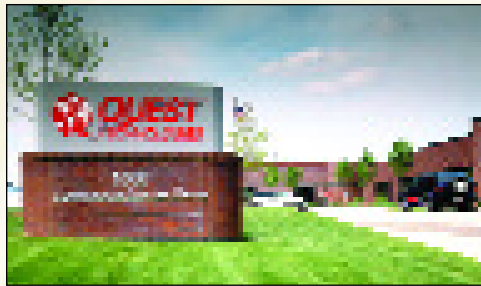
Step 15.

View, Chart and Print Reports of Measurement Data

Refer to Help files in QSP II for instructions on how to view, chart and print reports of downloaded data

About us...

Quest Technologies is a design, manufacturing and marketing company with distribution in over 50 countries worldwide. Quest has built a strong reputation for rugged and reliable instrumentation and software systems that monitor and evaluate occupational and environmental health & safety hazards including noise, vibration, heat stress, indoor air quality and toxic/combustible gases. Quest monitoring instruments serve a variety of occupations and industries with clients in mining, research, enforcement, military, education, insurance and manufacturing business sectors.



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