

LISTEN.
THINK.
SOLVE.®

Dynamix 2500 1441-DYN25



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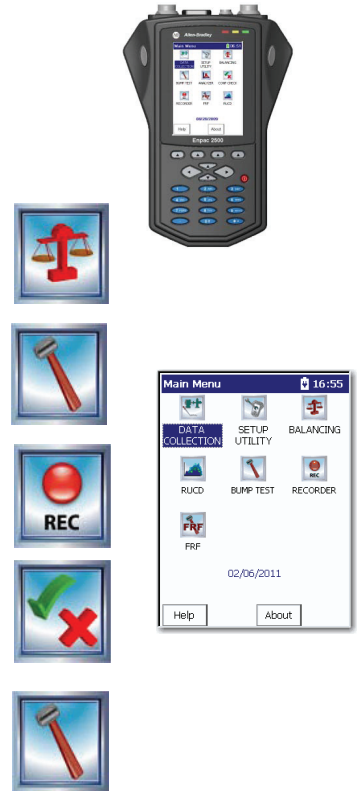
Dynamix 2500, 1441-DYN25

- **Key features:**
- Existing functionality of Enpac 2500 v3.1 firmware.
- Multi four-channel support options.
- Route/off-route support for 80 KHz single-channel.
- Route/off-route support for 40 kHz four-channel support.
- Headphone support for multi-channel o/p.
- Faster on screen route navigation.
- Fastest Analyser/DataCollector ever by Rockwell Automation.
- Improved missed point/taken point indication.
- Increased language support option.
- Significantly improved screen resolution
- Firmware upgrade route via SD-Card.



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- **Multi channel support out of the box!**
- Standard kit two-channel.
 - Off-route two-channel
 - Route mode two-channel.
 - Triax measurements done in single transducer mode.
- **Optional upgrades.**
- Four Channel Module.
 - Triax measurements done simultaneous
 - Off-route four-channel.
- Time Recorder module (Four-channels).
- Frequency Response Module (Single Channel)
- Run Up Coast Down Module (Single Channel)
- 2 Plane Balancing Module
- Bump Test Module



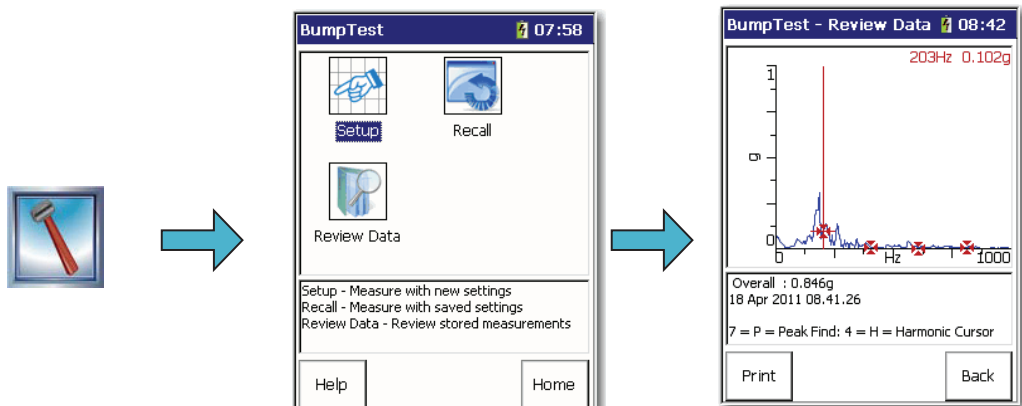
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Bump Test extension module

When using the Dynamix 2500 data collector and the Bump Test extension module, you can do the following:

- Determine natural (or resonant) frequencies of a machine or structure.
- Identify a structure's resonant modes.
- Change the resonance frequency to reduce or eliminate damaging vibration levels.



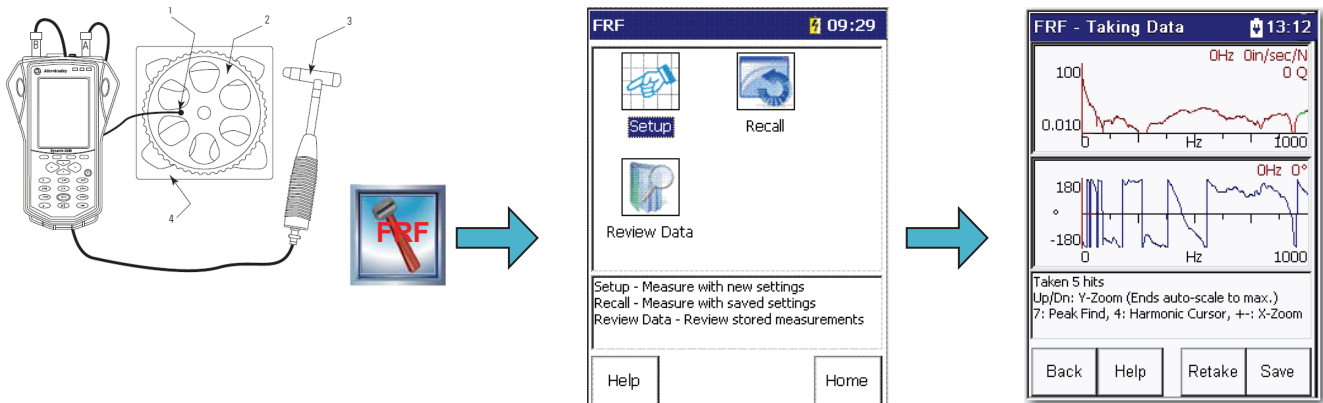
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Frequency extension module

When using the Dynamix 2500 data collector and the FRF Frequency extension module, you can do the following:

- Determine natural frequencies.
- Model the way a structure reacts to forces.
- Capture information about how a machine moves when it's running.
- Illustrate high or low coherence.



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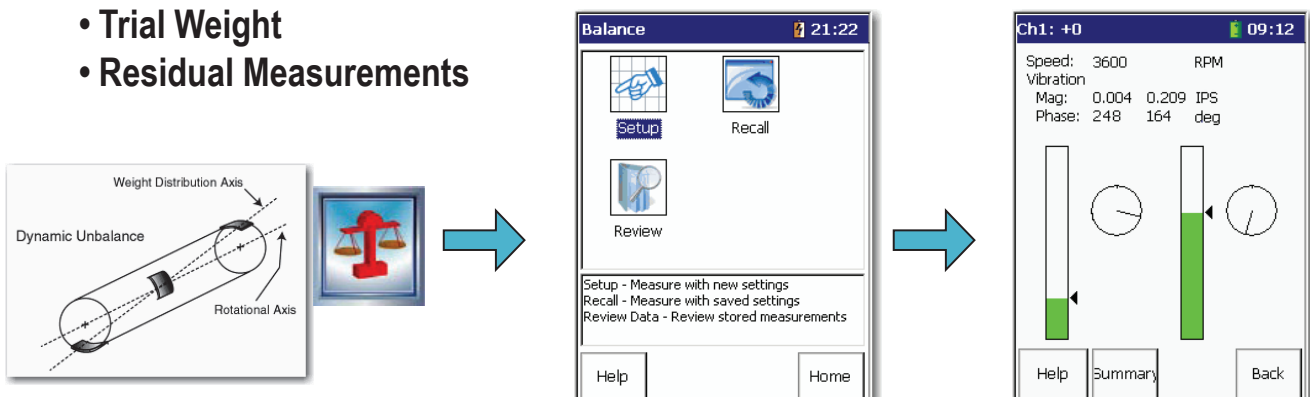
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Balancing extension module

The balancing test determines the amount and location of the heavy spot on a rotating shaft so that you can balance it with an equal amount of weight in the opposite direction.

There are three types of measurements in the balancing process:

- Initial Vibration
- Trial Weight
- Residual Measurements

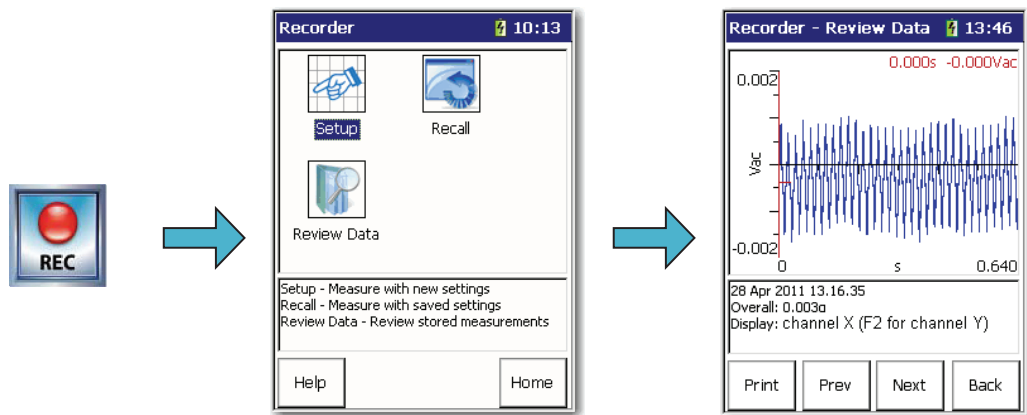


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Time Recorder module

When using the Dynamix 2500 data collector and the Time Recorder module, you can use as a data collector for real-time data acquisition and analysis.



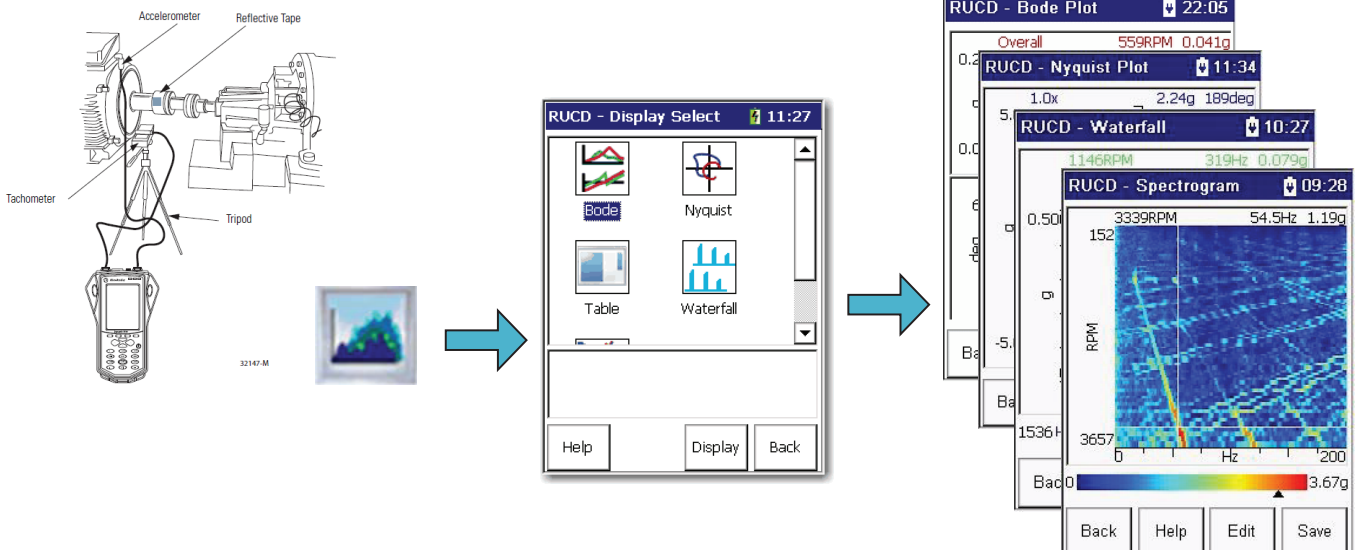
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Run Up Coast Down Extension Module

When using the Dynamix 2500 Data Collector Run Up Coast Down Extension Module, you can do the following:

- Record and analyze data from intermittent events and transient vibration signals from non-steady state machines.
- Analyze a machine's critical speeds and resonant frequencies.



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