

IST-401 Automated Probe Calibrator

Create probe curves, accuracy calculations and reports on probe, machine or plant level

The IST-401 is a fully automated eddy current probe calibrator. Controlled by a laptop or touch panel, the IST-401 changes the distance between the target material and the probe. The high resolution step motor and incremental encoder provide a high resolution, highly accurate data stream which is stored on the laptop. The data is used to automatically create probe curves, accuracy calculations and reports on probe, machine or plant level.

Features

- Automatically generated probe curves
- Highly accurate measurements
- Fast and reliable probe verification
- Suitable for official (annual) ISO system calibration
- Easy and universal mounting for probe, adapter and spindle



Related products (optional)

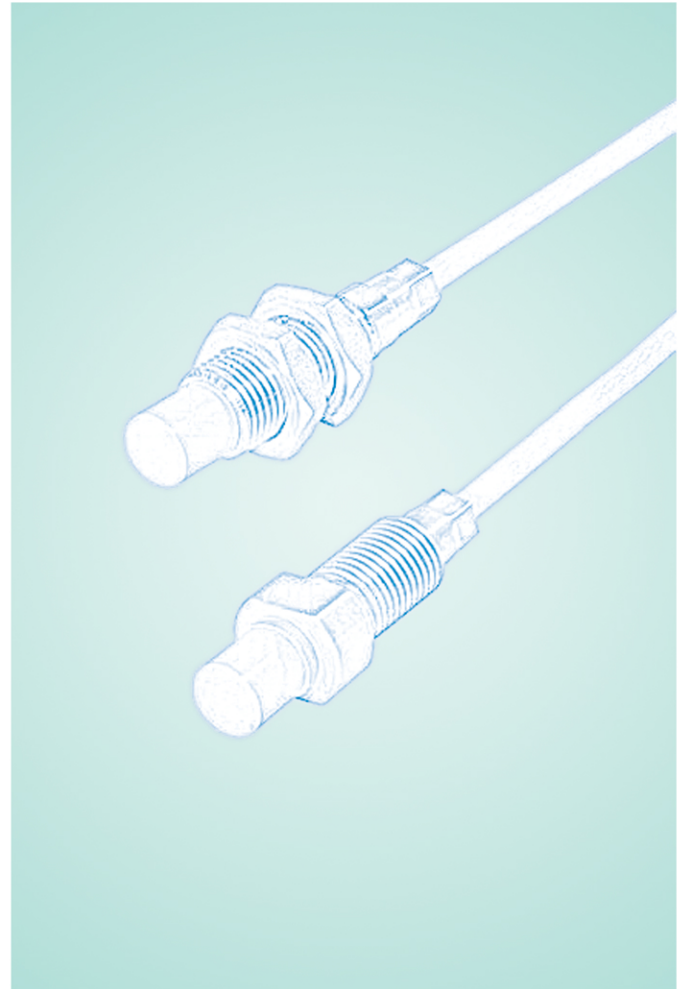
3 Channel Vibration Simulator (replacing the current 2 channel ISTCAL-300-A02 Vibration Calibrator). This module will offer, besides the manual operation, to run preset test functions like Ramp Expansion test, Diff Expansion test, SMAX test and extensive reporting

4 Channel Speed Calibrator (replacing the current 3 channel ISTCAL-101-A03 Speed Calibrator). This module will allow to test up to SIL 3 over speed signals by means of direct voltage input, or by means of injecting a magnetic signal in to the speed probe. The second option enables the user to perform a full loop test including all loop components. This module will offer, besides the manual operation, to run preset test functions like Ramp-up, Ramp Down, Acceleration, 2oo4, 2oo3, 2oo2 1oo3, 1oo2, 1oo1 over speed test and extensive reporting.

Turn Around Reporting SW Package. The turn around package combines the reporting of the above test equipment with daily progress reporting, deficiency list, correction list, hold and test points, axial, and displacement configuration set-point overview, zero point listing, probe gap listings. System configurations can be added by means of merging pdf configuration listings with the report.

Features

- Battery and Mains operation
- Software pre-installed on laptop or panel PC
- Probe drivers powersupply, -24V, +24V, 4-20mA unpowered, 4-20mA powered
- Suitable for ISO system calibration
- 1 run test, 3 run ISO test with calculation of standard deviation
- Universal mounting socked for probes up to 25 mm
- Total span +/- 25 mm measuring range
- Reporting on probe, machine and plant level



Istec Rotating and Consultancy Services

Istec Rotating and Consultancy offers many years of worldwide experience in machine condition monitoring, preventive maintenance planning and machine diagnostics. We provide products and services to rotating equipment manufacturers, to engineering and construction companies and directly to end-users in the process- and power industry.

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