

VICTOR

“VALUE FOR MONEY” EDDY CURRENT FLAW DETECTOR FOR COMPONENT TESTING / ON-LINE APPLICATIONS



VICTOR 2

The ViCTor will more than match any competitor due to its outstanding signal-to-noise performance. Intended for automated applications such as component testing, the ViCTor perfectly suits its role. However, with the ability to team with a National Instruments LabView software development-kit, the ViCTor has the flexibility to be application-specific also.

It is the ViCTor's ability to function with the

LabView Development Kit that sets it apart. This functionality provides a simple engineer-friendly software solution to permit more advanced features to be added to customise system operation.

Alternatively, if an application only requires a limited range of features, the ViCTor has a user-friendly interface that can be edited further to suit even the most inexperienced operator.

CUSTOMER BENEFITS

- **Low noise**
- **Easy to use interface**
- **Industry-leading test frequency range**
- **Compatible with virtually any PC**
- **LabView Software Developer kit available for application customisation**
- **Cost effective inspection and customisation solution**

APPLICATIONS

- **Tube Testing**
- **Rail Inspection**
- **Weld Inspection**
- **Rod, Bar and Wire Inspection**
- **Component Sorting for heat treatment state**
- **Component Testing (e.g. bearings, gudgeon pins, wheel hubs, bolts, nuts)**

SPECIFICATION

Probe	Modes	Selectable Bridge (including Absolute InBal probes) or Reflection Probes
	Frequency Drive	2Hz- 37MHz 1- 20 v pk in 0.1 v increments
Signal	Phase	0°-359° in 1° increments
	Gain	0-100dB in 1 dB increments
Filter	Digitising Rate	8 kHz maximum
	Filter	Low, High and Band Pass, eight Pole Bessel. Low pass filter: 10-500Hz in 1Hz increments, 500-2000Hz in 50Hz increments. High Pass: 0-500Hz in 1Hz increments. Band Pass addition of Low and High Pass.
Display	Mode	Phase (impedance) Plane
	Grid Spot Position	10 by 10 graticule Seperate X and Y Controls
Alarm	Type	Rectangular alarm
	Setting Output	Drag and Drop Open collector, LED and 80dBA Audio Alarm with volume control.
Storage	Screen	Save currently displayed screen settings for reports
	Settings Recording	Save and recall of settings Save recorded data to disk off line analysis
Computer	Type	PC running Windows XP™ or Windows 7™
	Interface	USB 2.0
Size and Weight	Dimensions	12.7cm (5.0") Long x 8.0cm (3.2") Wide x 4.7cm (1.85") Thick
	Weight	0.6kg (1.3lbs)
Power	DC	5v at 1.2 A DC
	AC	With adapter 100- 240 v AC 50- 60 Hz 0.3 A



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Able to be used with virtually any PC, the ViCTOR is both cost effective and has the flexibility to be optimised for specific applications.

The ViCTOR is available in both a single-channel or dual-channel configuration. The ViCTOR 2-Channel allows the operator to test an area at both low and high frequency simultaneously.

