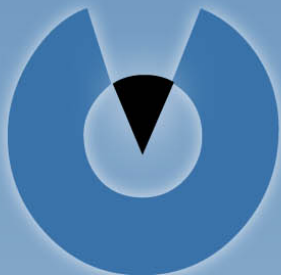
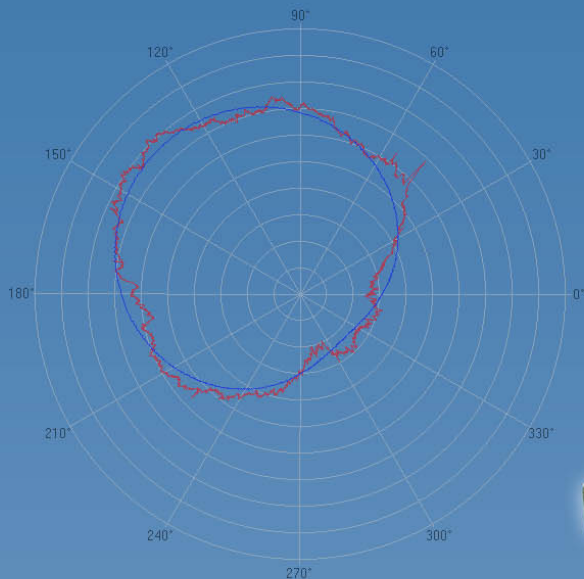


Indi-Ron GT 50

Bench Top Roundness System



Precision Devices, Inc.

606 County Street, Milan, MI 48160-0220
Tel.: (734) 439-2462 Fax: (734) 439-1461
www.predev.com sales@predev.com

Roundness (application based) software operates under Microsoft Windows XP with a high resolution flat panel LCD monitor

Both Gaussian and 2RC filtering with selectable Undulations per Revolution (UPR) of 1, 1.67, 5, 50, 150, 500 and 1500

Out of Roundness can be assessed by four (4) different methods: Minimum Radial Separation (MRS), Least Squares Center (LCS), Minimum Circumscribed Circle (MCC), and Maximum Inscribed Circle (MIC)

Zoom and measure for detailed part analysis

Comprehensive printing capability

Mouse or keyboard operated

Indi-Ron® GT 50 Instrument Specification

Surface Plate:	Granite, inspection grade, 20" (508mm) wide x 16" (406mm) deep x 2" (51mm) thick.
Weight:	122 lb (53.3 kg)
Weight Capacity:	100 lb (45.4 kg) balanced load.
Part Size Capacity:	To 20" (508mm) diameter. Length limited only by weight and balance.
Height Stand:	20" (508mm) freestanding gage stand (standard)
Supply Voltage:	115vac ($\pm 10\%$) 60 Hz ($\pm 0.1\%$)
Spindle Accuracy: (standard)	± 3 microinches (± 0.0762 micrometer) at worktable level, radially and axially, positive coning error not exceeding 2 microinch/inch (.051 micrometer/cm) above the table.
Spindle Systems Only: (optional)	Require clean, dry, instrument quality air: oil content not to exceed 25 parts per million, water content less than 10°F (-12°C) dew point at atmospheric pressure, foreign particle size less than one micrometer. Air Consumption: 0.15 scfm to 1.5 scfm depending upon spindle.
Drive System:	Gear driven by variable speed motor.
Rotation Speed:	1,2 or 4 RPM (60 Hz).
Work Table:	Centering Table, 8" (203mm) diameter, with 2-axis mechanical centering adjustment. Optional Spherical Seat Tilt Base, 8" (203mm) diameter, with 2-axis mechanical tilt adjustment.
Input Transducer:	T-425 Gage Head, lever type, with 1/16" (1.6mm) diameter carbide ball tip, built-in fine adjustment. Gaging force reversible, adjustable up to 3.0 grams per 0.010" (0.25mm) travel. Gaging range ± 0.020 " (± 0.5 mm).

