

Roundtest RA-120/120P

Series 211 - Form Measuring Instrument

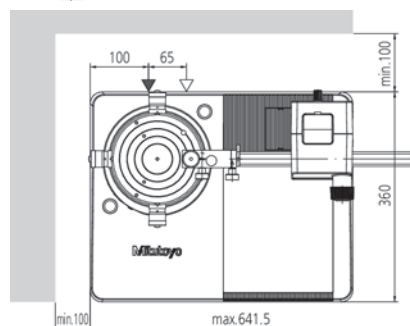
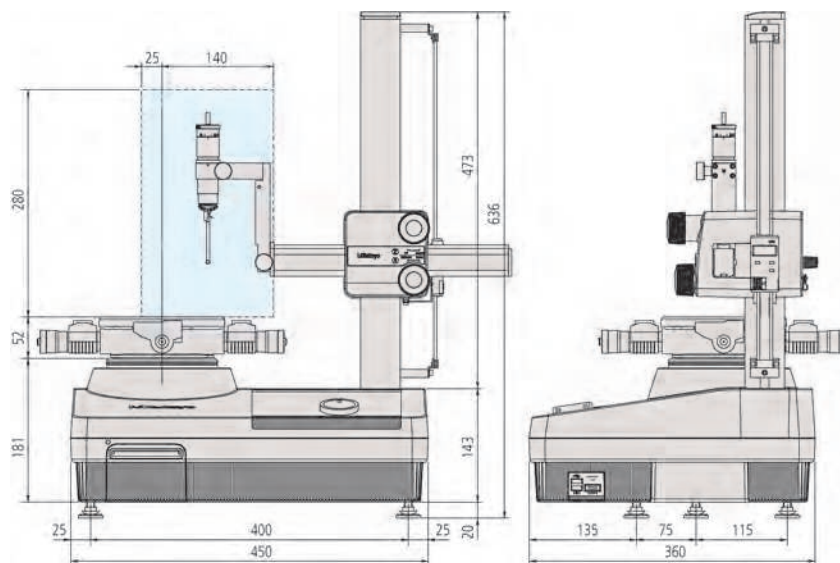
DAT (Digital Adjustment Table) function

The turntable displays centering and leveling adjustments digitally, making this challenging task simple enough for even an untrained operator to perform:

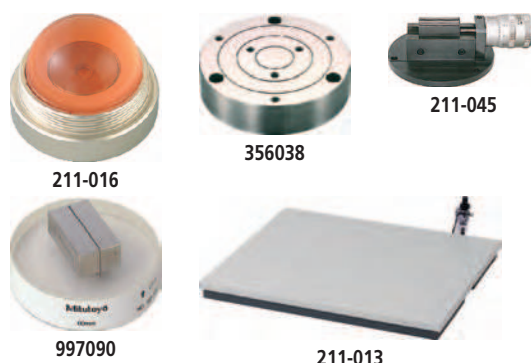
1. Preliminary measurement of two cross sections on the workpiece.
2. Following preliminary measurement, the centering and leveling adjustment values are displayed on the monitor.
3. The digital micrometer heads on the rotary table are adjusted to match the values displayed.
4. Centering and levelling is complete.

Centering range : ± 3 mm

Leveling (inclination) range : $\pm 1^\circ$



No.	Model
211-621D	Roundtest RA-120 with mechanical turntable
211-621E*	Roundtest RA-120 with mechanical turntable UK type
211-622D	Roundtest RA-120 with DAT function
211-623E*	Roundtest RA-120 with DAT function inch/mm
211-625D*	Roundtest RA-120P with mechanical turntable
211-626D	Roundtest RA-120P with DAT function
211-627E*	Roundtest RA-120P with DAT function inch/mm



Specifications

- Functions
- Notched workpiece measurement
 - Recalculation of datum / measurement data
 - Limaçon function compensates for eccentricity
 - Rotation of 3D display^{1*}
 - Real-time display^{1*}
 - Simplified layout (divided layout)^{1*}
 - Hair line, auxiliary line, hidden line, fill line^{1*}
 - Colour settings for measurement data^{1*}
 - Offsetting of recorded profile^{1*}
 - Data deletion^{1*}
 - Graph analysis (displacement/angle between measurement points)^{1*}
 - Power spectrum analysis^{1*}
 - Gear tooth analysis^{1*}
 - Harmonic analysis^{1*}
 - Text data output (via CSV format)^{1*}
- ^{1*}Function of ROUNDPAK software

Optional accessories

No.	Description
211-032	Quick chuck OD: 1-79 mm, ID: 16-79 mm
211-031	Micro-chuck OD: 1-1,5 mm
356038	Auxiliary stage for a low-height workpiece
211-016	Reference hemisphere
211-045	Magnification checking gauge
997090	Gauge block set for calibration
211-013	Vibration damping stand
211-014	Three jaw chuck (OD: 2-78 mm, ID: 25-68 mm)
211-061	Collet chuck (OD: 0,5-10mm)
12AAH320	X-axis stop
12AAJ167	ROUNDPAK Software (mm)

Consumable spares

No.	Description
12AAH181	Printer paper 10 rolls/set
358592	Element for air filter
358593	Element for air regulator

