Mitutoyo Quick Guide to Surface Roughness

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7 WAYS TO INCREASE ROUGHNESS MEASUREMENT EFFICIENCY

1. Multiple workpiece batch measurement

Mitutovo Y-axis table enables efficient, automatic measurement of multiple aligned workpieces and multiple points on a single measurement surface. *Y-axis tables are compatible with Mitutoyo CV, SV, SV-C, and CS models.



2. 3-Axis adjustment table

Mitutoyo offers manual, digital, and automatic leveling tables that guickly and accurately level your flat or cylindrical workpiece.

3. Fixtures

Fixturing parts of all sizes with a chuck, clamp, or vice allows the operator to guickly and efficiently load parts for improved repeatability.



4. Column stand

Auto-set unit, tilting adjustment unit, X-axis adjustment unit.



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5. Wireless output with U-WAVE

All digital Mitutoyo equipment can transfer its data to a PC via cable or wireless connection. A U-WAVE transmitter can be attached to your gage to wirelessly send data to Excel or SPC software such as MeasurLink®.

6. Free SJ Software

Set parameters, print reports in excel, set speeds and cutoffs, all for free.

7. Process control

Checking surface roughness can indicate tool wear on mills, lathes, grinders, and honing and lapping operations.



Find out more information by emailing by info@mitutoyo.ca www.mitutoyo.ca

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