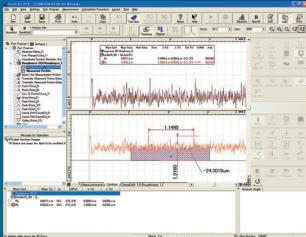
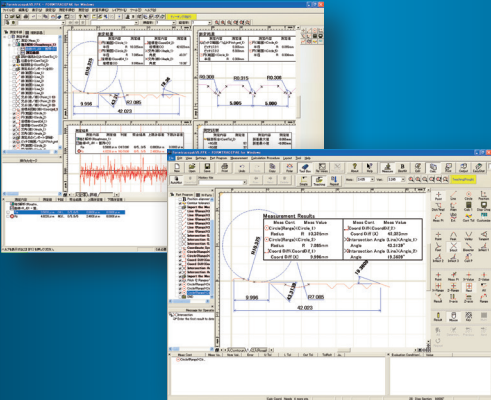


FORMTRACEPAK

FORMTRACEPAK functions offer total support for measurement system control, surface roughness analysis, contour analysis, contour tolerancing, and inspection report creation.

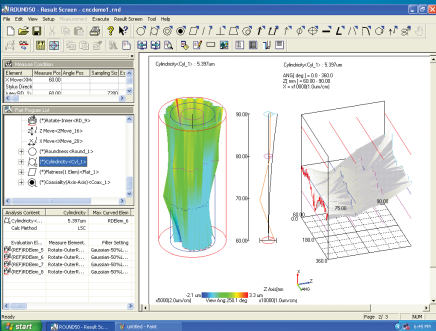


Surface Roughness Measurement Screen

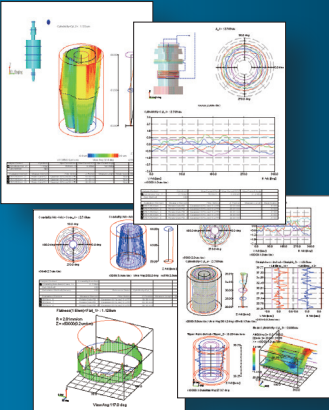
Contour Measurement Screen

ROUNDPAK

A wide variety of parameters including those for roundness/cylindricity, as well as flatness and parallelism, are provided as standard features. You can visually select these parameters using icons.



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## Contour Measuring Systems

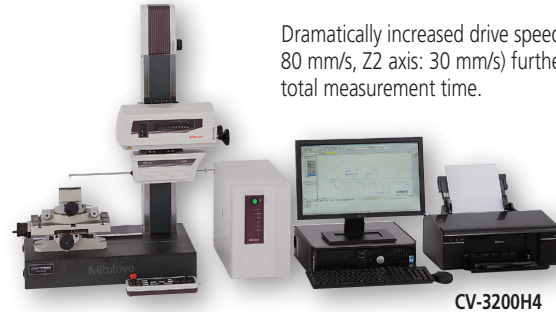
Entry Level



Remarkable operability and functionality revolutionize contour measuring systems and enable measurement that is fast, accurate, and easy.

CV-2100M4

Intermediate



Dramatically increased drive speed (X axis: 80 mm/s, Z2 axis: 30 mm/s) further reduces total measurement time.

CV-3200H4

Advanced



When combined with the double cone-end stylus (a new product with diametrically opposed contact points), the instrument can continuously measure in the upward and downward directions without the need to change the arm orientation or reset the workpiece fixturing.

CV-4500H4



www.mitutoyo.com/CV-4500H4  
VIDEO DEMO

CNC



SV-C4500 CNC

This model introduces the dual-sided stylus design into the CNC model for the first time. The SV-C 4500CNC is a high accuracy contact type contour and surface roughness measuring system.

## Surface Roughness Measuring Systems



SJ-210

The 2.4-inch color graphic LCD provides excellent readability and an intuitive display that is easy to navigate.



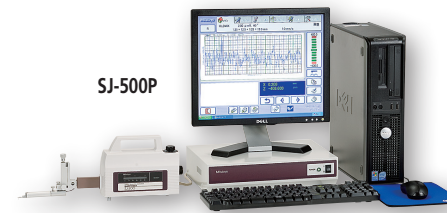
SJ-310

Data processing unit includes a 5.7-inch color graphic LCD touch-panel and a built-in high-speed thermal printer.



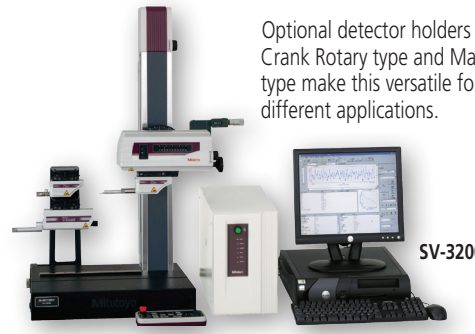
SJ-411

Both skidded and skidless measurement are possible with this series. Equipped with 46 roughness parameters that conform to the latest ISO, DIN, ANSI, and JIS standards.



SJ-500P

Semi-portable type that is PC based, capable of measuring in axial direction for parts such as crankshafts by simply swiveling the detector through 90 degrees.

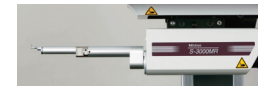


SV-3200

Optional detector holders such as Crank Rotary type and Manual Rotary type make this versatile for many different applications.

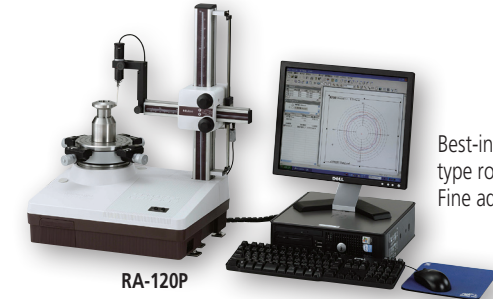


178-075 (S-3000CR)  
Crank Rotary Type Detector Holder



178-076 (S-3000MR)  
Manual Rotary Type Detector Holder

## Roundness Measuring Systems



RA-120P

Best-in-class rotational accuracy in compact type roundness measuring instruments. Fine adjustment on both X- and Z-axes



RA-1600 / RA-1600M

A new PC-compliant roundness and cylindrical-form measuring instrument with extensive analysis features to enable measurement of a wide variety of workpieces.



RA-2200AS

All models are equipped with a highly accurate turntable that enables simple and accurate centering and leveling of the workpiece, which account for the majority of the essential setup work for measuring roundness/cylindricity.



RA-H5200 CNC

These models offer high measuring accuracy and reliability using automated measurement with independent/simultaneous multi-axis CNC control. Roundness and surface roughness measurements are both available from a single measuring system.