

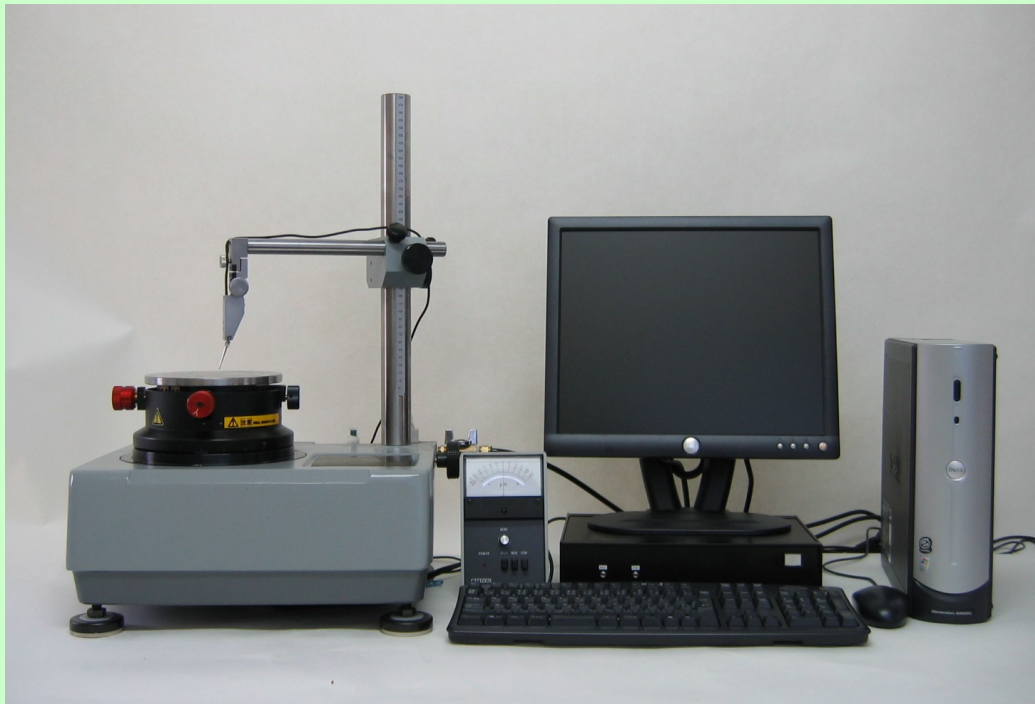
The submicron needs are met.



Table rotation type

ROUNDNESS MEASURING MACHINE

サークル マスタ
CIRCLE MASTER CM-50P



※ Personal computer of a photograph and color monitors of a photograph differ that it is actual.

▪ HIGH ROTATING ACCURACY

High Rotating Accuracy by use of air bearing.

▪ HIGH RIGIDITY AIR BEARING

- Others

Automatic eccentricity correction function Automatic inclination correction function
 Re-calculation function Be able to measure the cut-outs sample
 Built in an air pressure power diagnostic circuit Data aggregation is simple
 Equipped the tilt table standardly

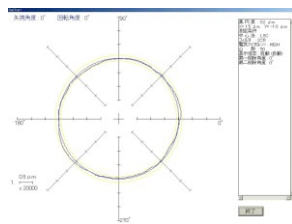
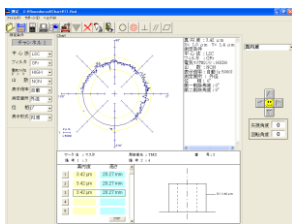
- Specification

| | | |
|-----------------------|--|---|
| Rotating Accuracy | (0.04+5H/10000) μ m | H : H : Height from table surface to measuring point (mm) |
| Rotating Speed | 6rpm | |
| Max. Load Diameter | ϕ 340mm | |
| Table Diameter | ϕ 160mm | |
| Max. Table Loading | 20Kg at center of turn table | |
| Measuring Probe | ϕ 2mm ball | |
| Measuring Force | 0.0785N (8gf) | |
| Measuring items | Roundness, Concentricity, Coaxiality, Squareness, Flatness, Parallelism | |
| Reference Circle | LSC (Least square center), MIC (Max inscribed center), MCC (Min circumscribed circle center) | |
| Filter Type | 2CR · Gaussian Filter (Digital Filter) | |
| Cut-off Filter | 15 · 50 · 150 · 500 UPR | |
| Electric Supply | AC100V 50/60Hz (to be specified at ordering time) | |
| Air Pressure Required | 0.35MPa ~ 0.5MPa | |
| Air Consumption Rate | 60NI/min This must be completely freed from Oil mist | |
| Machine Dimension | W480mm × D430mm × H760mm (Measuring unit only) | |
| Machine Weight | 138Kg (Main Part) | |

- Accessories

| | |
|-----------------------------------|--|
| Small Scroll chuck | The diameter of grasp ϕ 0.8mm ~ ϕ 63mm |
| Air Drier (Film Type) | Back attachment of a main part |
| Air Drier (A frozen Type) | Every exception type (200mm × 328mm × 395mm) |
| Measuring Force Low press | 0.0196N (2gf) |
| Measuring Force High press | 0.147N (15gf) |
| Overhang Table S | Table outside diameter ϕ 200mm |
| Overhang Table M | Table outside diameter ϕ 300mm |
| AC Constant Voltage Supply Device | |

- The example of a display



■ Above specifications may be changed without notice

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