

Micrometers

SERIES 389 – Digimatic Sheet Metal Micrometer

- The large throat depth makes this micrometer ideal for measuring the thickness of sheet metal at a considerable distance from the edge.
- Measuring faces: carbide.
- Equipped with Ratchet Stop for constant measuring force.
- Profile of measuring faces: Flat-Flat, Spherical-Flat and Spherical-Spherical.

MeasurLink⁺ ENABLED
Data Management Software by Mitutoyo

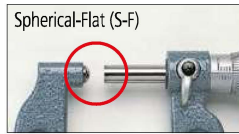
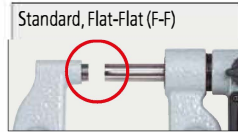
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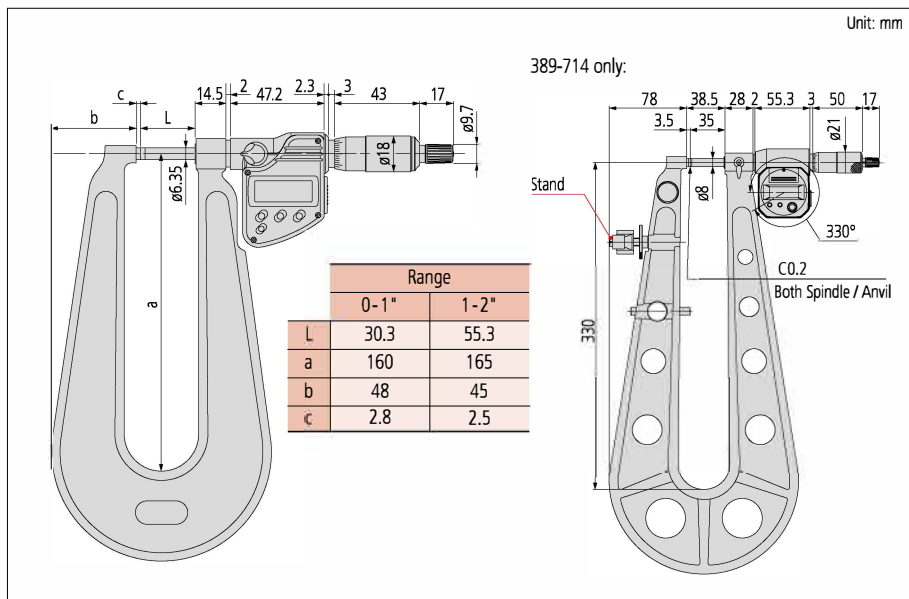
Specifications

| Inch/Metric | | | | | | |
|-------------|------------------------|-----------------------|------------------------|----------------------------|--------------------|--|
| Code No. | Range | Resolution | Accuracy* ¹ | Throat depth* ² | Measuring surfaces | |
| 389-351-30 | 0-1" (0-25.4 mm) | .00005" (0.001 mm) | ±.0002" (±4 μm) | 6" (150 mm) | F-F | |
| 389-361-30 | | | | | S-F | |
| 389-371-30 | | | | | S-S | |
| 389-714 | 1-2" (25.4-50.8 mm) | .00005" (0.001 mm) | ±.00025" (±5 μm) | 12" (300 mm) | F-F | |
| 389-352-30 | | | | | S-F | |
| 389-362-30 | | | | | S-S | |
| 389-372-30 | | | | | S-S | |

*1 Excluding quantizing error.

*2 Models with a 300 mm (12") throat are equipped with a stand for convenience of measurement in the horizontal orientation.

Dimensions



Technical Data

Flatness: .000024" (0.6 μm) for models up to 6" (150 mm) throat, .00004" (1.0 μm) for models with 12" (300 mm) throat
 Parallelism: .00012" (3 μm)
 Quantizing error: Excluding ±1 count
 Battery: SR44 (1 pc), 938882 (2 pcs: 389-714)

Optional Accessories

| Code No. | Description |
|------------------|--|
| 264-622 | U-WAVE-TM transmitter |
| 02AZF310 | U-WAVE-TM connection unit |
| 05CZA662 | SPC data cable with pushbutton (1 m) |
| 05CZA663 | SPC data cable with pushbutton (2 m) |
| 06AFM380B | USB input tool direct USB-ITN-B (2 m) |
| For 389-714 only | |
| 959149 | SPC data cable with pushbutton (1 m)* ³ |
| 959150 | SPC data cable with pushbutton (2 m)* ³ |
| 02AZD790C | U-WAVE-T data cable (160 mm) |
| 04AZB512 | SPC data cable L-type with pushbutton (1 m) |
| 04AZB513 | SPC data cable L-type with pushbutton (2 m) |

*³ May interfere with operating the thimble.

