

# Accessories for Measuring Microscope

## Focus Pilot FP-05 /FP-05U

- By installing this system on the camera mount of an MF series measuring microscope and projecting the focusing chart onto the workpiece surface, the focal point can be detected with high accuracy and high repeatability.
- The brightness of the image can be adjusted.
- A wide view field observation on the monitor is made possible with the use of a CCD camera (C-mount adapter is included).
- Four chart patterns are available. The pattern should be selected that works best with the type of workpiece surface texture.



Concentric circle

Slit

### Focus Pilot

Magnification : 0.5X, Accuracy : 0.1% (within 2/3 area from the centre of field of view)

Camera adapter : C-mount (provided)

Applicable CCD camera : Up to 2/3-inch

Mass : 1.8 kg

| No.       | Applicable microscopes | Light source | Remarks |
|-----------|------------------------|--------------|---------|
| 375-057D* | MF-C                   | Green LED    |         |
| 375-057E* | MF-C                   | Green LED    | UK only |
| 375-058D* | MF-C                   | Red LED      |         |
| 375-058E* | MF-C                   | Red LED      | UK only |
| 375-067D* | MF-U C                 | Green LED    |         |
| 375-067E* | MF-U C                 | Green LED    | UK only |
| 375-068D* | MF-U C                 | Red LED      |         |
| 375-068E* | MF-U C                 | Red LED      | UK only |

### Power Turrets for MF-UC

Power supply : 240V AC, 50/60 Hz

Dimensions : Turret : 164 x 65 x 137 mm

Control Box : 108 x 72 x 193 mm

| No.       | Observation type  | No. of objective mounts | Remarks |
|-----------|-------------------|-------------------------|---------|
| 176-210D  | Bright Dark Field | 4                       |         |
| 176-210E* | Bright Dark Field | 4                       | UK only |
| 378-016D  | Bright Field      | 4                       |         |
| 378-016E* | Bright Field      | 4                       | UK only |
| 378-116D  | Bright Field      | 5                       |         |
| 378-116E* | Bright Field      | 5                       | UK only |

### Manual Turrets for MF-UC

| No.     | Observation type  | No. of objective mounts |
|---------|-------------------|-------------------------|
| 176-211 | Bright Dark Field | 4                       |
| 378-018 | Bright Field      | 4                       |

### Stage Micrometer

| No.      | Range | Graduations | Accuracy (at 20°C)                    | Dimensions | Mass |
|----------|-------|-------------|---------------------------------------|------------|------|
| 375-056* | 1 mm  | 0,01 mm     | (1+L) µm<br>L : Measuring length (mm) | 76 x 26 mm | 16 g |



Focus Pilot is factory set option



Manual and Power Turrets



Stage Micrometer