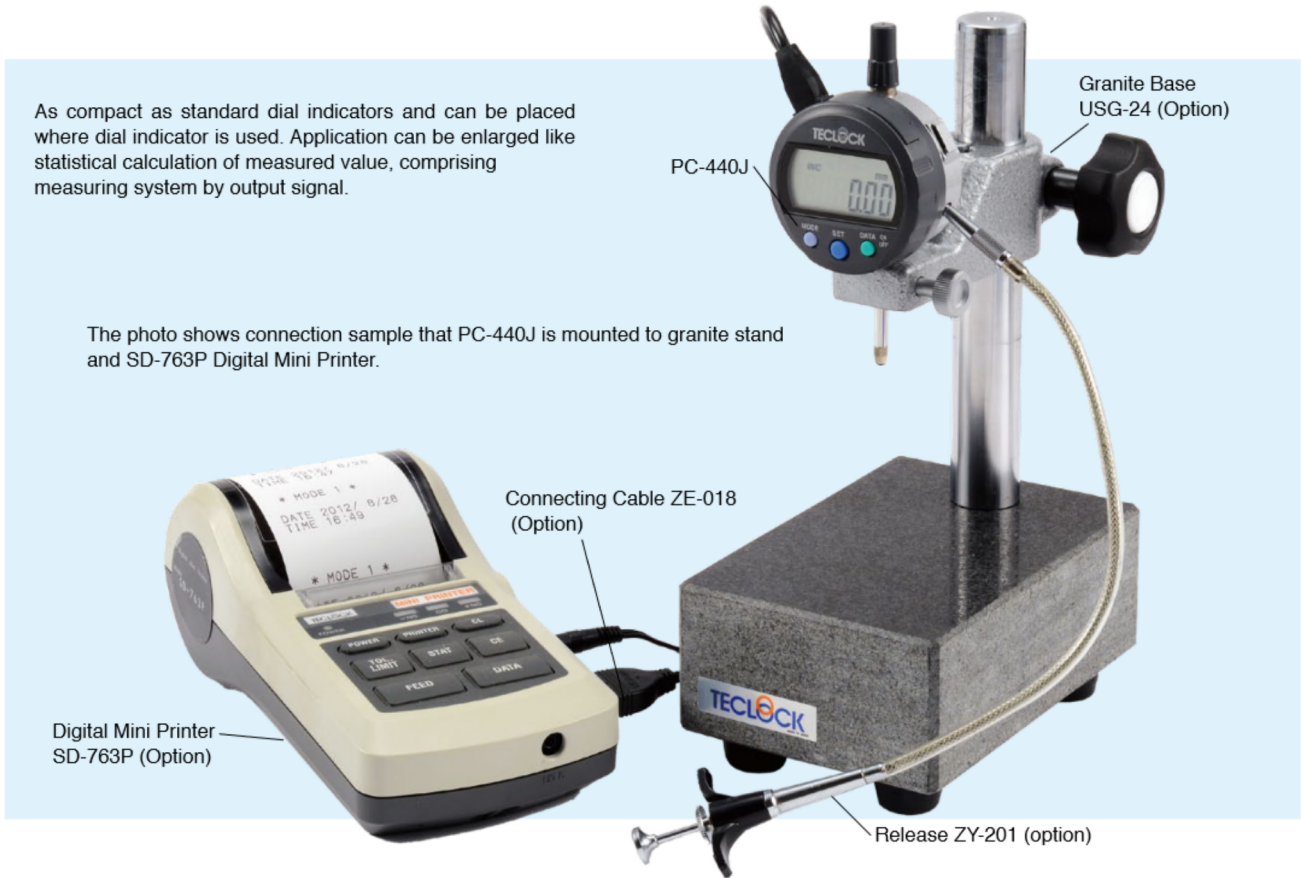# Electronic Equipment

## Electronic Digital Indicator (0.01 / 0.001mm), PC-Series

- Data output and statistics transaction can be easily made by using digital indicator.
- 0.01mm and 0.001mm resolution digital indicators are available.
- Standard models are equipped with preset function and conventional models deleting preset functions are available.

As compact as standard dial indicators and can be placed where dial indicator is used. Application can be enlarged like statistical calculation of measured value, comprising measuring system by output signal.

The photo shows connection sample that PC-440J is mounted to granite stand and SD-763P Digital Mini Printer.
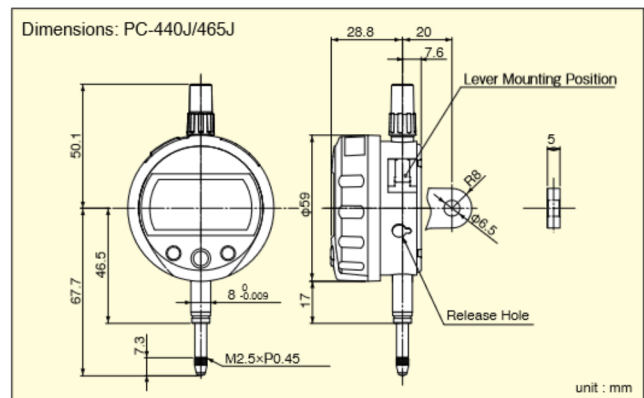
Granite Base USG-24 (Option)

PC-440J

Connecting Cable ZE-018 (Option)

Digital Mini Printer SD-763P (Option)

Release ZY-201 (option)

## Measuring Range 12.7mm Type / Standard Model

**PC-440J**

Resolution 0.01mm
Measuring Range 12.7mm

**PC-465J**

Resolution 0.001mm
Measuring Range 12.7mm

Dimensions: PC-440J/465J

28.8  20  7.6

50.1

Φ59

67.7

46.5

8 0 -0.009

17

7.3

M2.5×P0.45

Lever Mounting Position

R8

Φ6.5

5

Release Hole

unit : mm

Supplied with Lug back as standard models.
Flat back and Lift lever are optional.

# Measuring Range 25.4mm Type / Standard Model

**PC-450J-f**
Resolution 0.01mm
Measuring Range 25.4mm

**PC-455J-f**
Resolution 0.001mm
Measuring Range 25.4mm

Dimensions: PC-450J-f / 455J-f

φ19.2
31.5  24.5
57.7
φ59
50.5
110.8
19.5  φ8 ₀₋₀.₀₀₉
5
φ6.5
Release hole
11
40.8
7.3  M2.5×P0.45
unit : mm
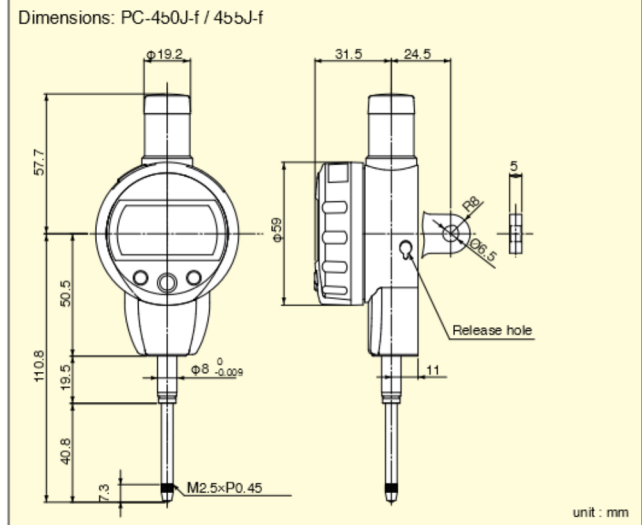
Supplied with Flat back as standard models.
Lug back and Lift lever are optional.

# Measuring Range 12.7mm Type / Popular Model

**PC-480S2**
Resolution 0.01mm
Measuring Range 12.7mm

**PC-485S2**
Resolution 0.001mm
Measuring Range 12.7mm

Dimensions: PC-480S2 / 485S2

φ10.9
Lug Back
21.4  20
Lever Mounting Position
50.1
φ59
5
1.6  φ54
46.5
67.7
17
φ8 ₀₋₀.₀₀₉
φ6.5
13.9
Lug Back
Flat Back
Release Hole
7.3
7.6
Flat Back
unit : mm
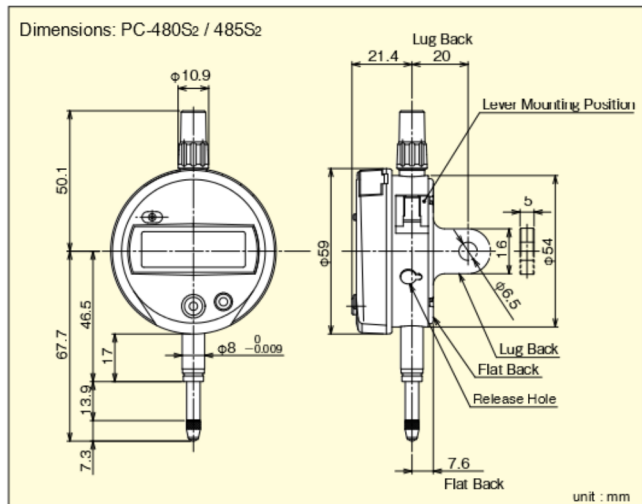
Supplied with Lug back as standard models.
Flat back and Lift lever are optional.

## Specifications

| Model | PC-440J | PC-465J | PC-450J-f | PC-455J-f | PC-480S2 | PC-485S2 |
|---|---|---|---|---|---|---|
| Measuring Range | 0~12.7mm | | 0~25.4mm | | 0~12.7mm | |
| Resolution | 0.01mm | 0.001mm | 0.01mm | 0.001mm | 0.01mm | 0.001mm |
| Accuracy | 0.02mm * | 0.003mm * | 0.02mm or less | 0.003mm | 0.02mm or less * | 0.003mm or less* |
| Maximum response speed | 1000mm/sec | 480mm/sec | 480mm/sec | 480mm/sec | Unlimited | |
| Contact force | 1.0N or less | 1.5N or less* | 1.8N or less * | | 2.0N or less* | |
| Display | LCD display (6-digital & minus) | | | | LCD display (5-digital & minus) | LCD display (6-digital & minus) |
| Operating temp | 0~40℃ | | | | | |
| Functions | Preset, Zero-set, Power OM/OFF, Counting direction switching, Digimatic code output | | | | Origin-set, Power ON/OFF, Counting direction Switching, Digimatic code output Display rotation(330°) | |
| Power supply | SR44 (Button、Silver oxide cell) | | | | | |
| Battery life | Approx. 5,000hours in continuous service | | | | Approx. 20,000hours in continuous service | |
| Contact Point | R=1.5mm (carbide) | | | | | |
| Contact point thread (ISO/JIS type) | M2.5×P0.45mm | | | | | |
| Weight | 170g | | 186g | | 120g | 150g |

* The quantising error is not included.