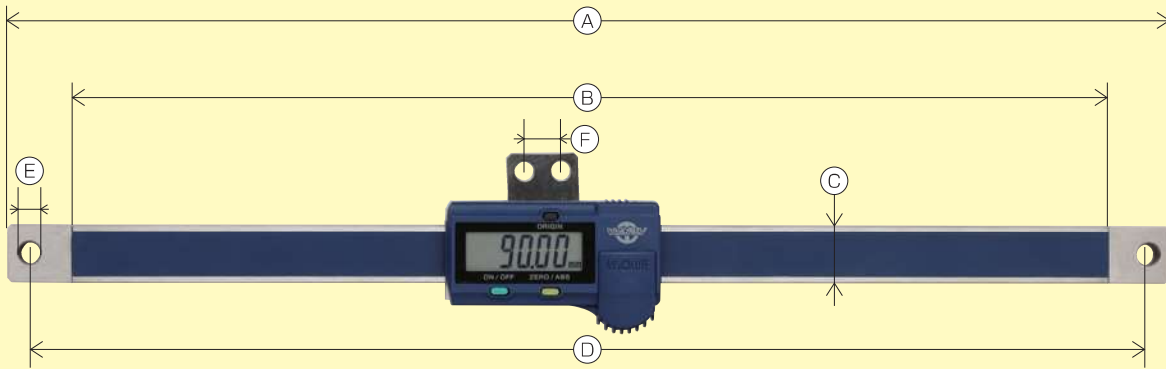


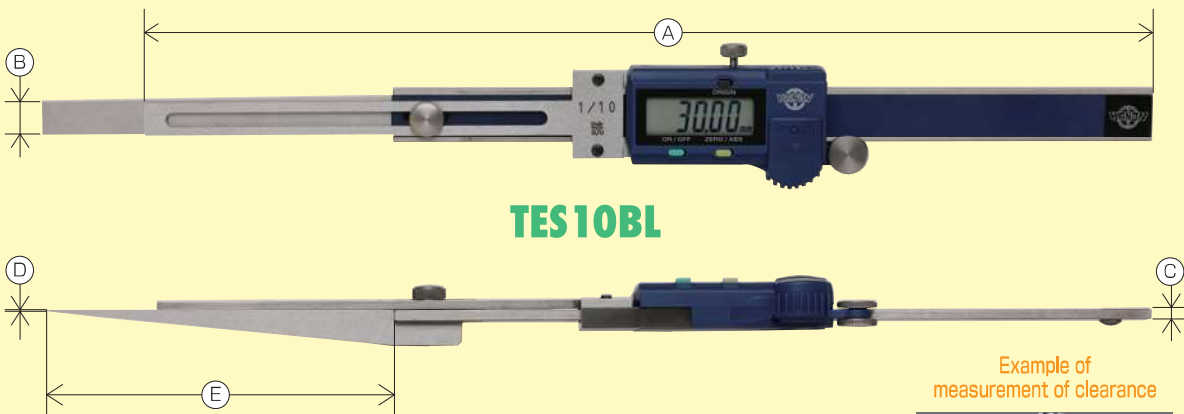
**ES****Adequate for positioning of machine tool, measurement equipment, and so on****Convenience digital scale on which the indication of “digital direct reading type” scale can be read directly.****ES-20BL**

- ABS with absolute origin is built in and therefore zero setting is not required each time the power is turned on.
- With a measurement data output function, a statistical process control system or a measurement system can be configured.

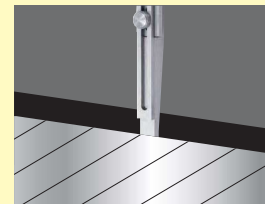
**ES : Specifications**

(Unit : mm)

| Model  | Measuring length | Resolution | Maximum permissible error<br>SMPE | Power supply    | Weight | A   | B   | C  | D   | E  | F       |
|--------|------------------|------------|-----------------------------------|-----------------|--------|-----|-----|----|-----|----|---------|
| ES10BL | 150              | 0.01       | ± 0.05                            | SR44<br>1 piece | 360g   | 256 | 220 | 16 | 244 | φ6 | 10 φ5.2 |
| ES20BL | 200              |            |                                   |                 | 480g   | 321 | 285 |    | 309 |    |         |
| ES30BL | 300              |            |                                   |                 | 560g   | 441 | 405 |    | 429 |    |         |

**TES****Digital thickness scale****Easy measurement of clearance in a narrow location!****TES10BL**

- Measurement of clearance on door and measurement of clearance on turbine wheel can be conducted for a short time.
- A measurement data output function is provided.
- Measurement data can be transferred to a personal computer through radio communication. (Manufactured on order)
- A hold unit (optional) and a connection cable with output switch (optional) can be used.

**TES : Specifications**

(Unit : mm)

| Model   | Measuring range | Resolution | Instrumental error | Power supply    | Weight | A   | B  | C   | D   | E   |
|---------|-----------------|------------|--------------------|-----------------|--------|-----|----|-----|-----|-----|
| TES5BL  | 0.2~4.8         | 0.01       | ± 0.03             | SR44<br>1 piece | 160g   | 225 | 10 | 3.3 | 0.1 | 79  |
| TES10BL | 0.5~9.5         |            |                    |                 | 220g   | 330 |    |     | 0.3 | 102 |