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## UKT/UKK Series

Dedicated Mechanical Force gauge for Tension or Compression



### [Application]

Measuring of the contact pressure for touch panel or keyboard

Measuring of the bonding strength of adhesive tapes and the peel strength of adhesive sheets

\*The digital force gauges are more suitable for measuring rapid change of the force such as impact test

### [Feature]

All models are equipped with Peak Hold function which captures peak force.

Zero adjustment function for tare weight allows the adjustments of attachment's weight.

## [UKT/UKK Series Specification]

| Model                       | UKT  | UKK  |
|-----------------------------|--|--|
| Stroke                      | 10 mm                                      |  |
| Measuring units             | Refer to the following tables              |  |
| Display features            | Track / Peak (Memory pointer)              |  |
| Graduation                  | 100 lines *                                |  |
| Accuracy                    | ±0.3% of F.S                               |  |
| Operating temperature range | 0~+40 degree Celsius                       |  |
| Weight                      | 300 g                                      |  |
| Accessories                 | 4 attachments for tension<br>Carrying case | 5 attachments for compression<br>Carrying case |

\* 120 lines for 30N, 300N, 3K, 30K, 30lb.

## [UKT/UKK Series Specification]

## 1. UKT Series: For tension

UKT Series [N unit graduation: 100 lines \*120 lines]

| Model      | Capacity | Resolution |
|------------|----------|------------|
| UKT-20N    | 20 N     | 0.2 N      |
| UKT-30N *  | 30 N     | 0.25 N     |
| UKT-50N    | 50 N     | 0.5 N      |
| UKT-100N   | 100 N    | 1 N        |
| UKT-200N   | 200 N    | 2 N        |
| UKT-300N * | 300 N    | 2.5 N      |

UKT Series [kgf unit graduation: 100 lines \*120 lines] Note 1)

| Model     | Capacity | Resolution |
|-----------|----------|------------|
| UKT-2K    | 2 kgf    | 20 gf      |
| UKT-3K *  | 3 kgf    | 25 gf      |
| UKT-5K    | 5 kgf    | 50 gf      |
| UKT-10K   | 10 kgf   | 100 gf     |
| UKT-20K   | 20 kgf   | 200 gf     |
| UKT-30K * | 30 kgf   | 250 gf     |

UKT Series [lb unit graduation: 100 lines \*120 lines] Note 1)

| Model      | Capacity | Resolution |
|------------|----------|------------|
| UKT-5lb    | 5 lb     | 0.5 lb     |
| UKT-10lb   | 10 lb    | 0.1 lb     |
| UKT-20lb   | 20 lb    | 0.2 lb     |
| UKT-30lb * | 30 lb    | 0.25 lb    |
| UKT-50lb   | 50 lb    | 0.5 lb     |

Note 1)

Prohibited to sell Japanese market due to Japanese Measurement standard law.

## 2. UKK Series: For compression

UKK Series [N unit graduation: 100 lines \*120 lines]

| Model      | Capacity | Resolution |
|------------|----------|------------|
| UKK-20N    | 20 N     | 0.2 N      |
| UKK-30N *  | 30 N     | 0.25 N     |
| UKK-50N    | 50 N     | 0.5 N      |
| UKK-100N   | 100 N    | 1 N        |
| UKK-200N   | 200 N    | 2 N        |
| UKK-300N * | 300 N    | 2.5 N      |

UKK Series [kgf unit graduation: 100 lines \*120 lines] Note 1)

| Model     | Capacity | Resolution |
|-----------|----------|------------|
| UKK-2K    | 2 kgf    | 20 gf      |
| UKK-3K *  | 3 kgf    | 25 gf      |
| UKK-5K    | 5 kgf    | 50 gf      |
| UKK-10K   | 10 kgf   | 100 gf     |
| UKK-20K   | 20 kgf   | 200 gf     |
| UKK-30K * | 30 kgf   | 250 gf     |

UKK Series [lb unit graduation: 100 lines \*120 lines] Note 1)

| Model      | Capacity | Resolution |
|------------|----------|------------|
| UKT-5lb    | 5 lb     | 0.5 lb     |
| UKT-10lb   | 10 lb    | 0.1 lb     |
| UKT-20lb   | 20 lb    | 0.2 lb     |
| UKT-30lb * | 30 lb    | 0.25 lb    |
| UKT-50lb   | 50 lb    | 0.5 lb     |

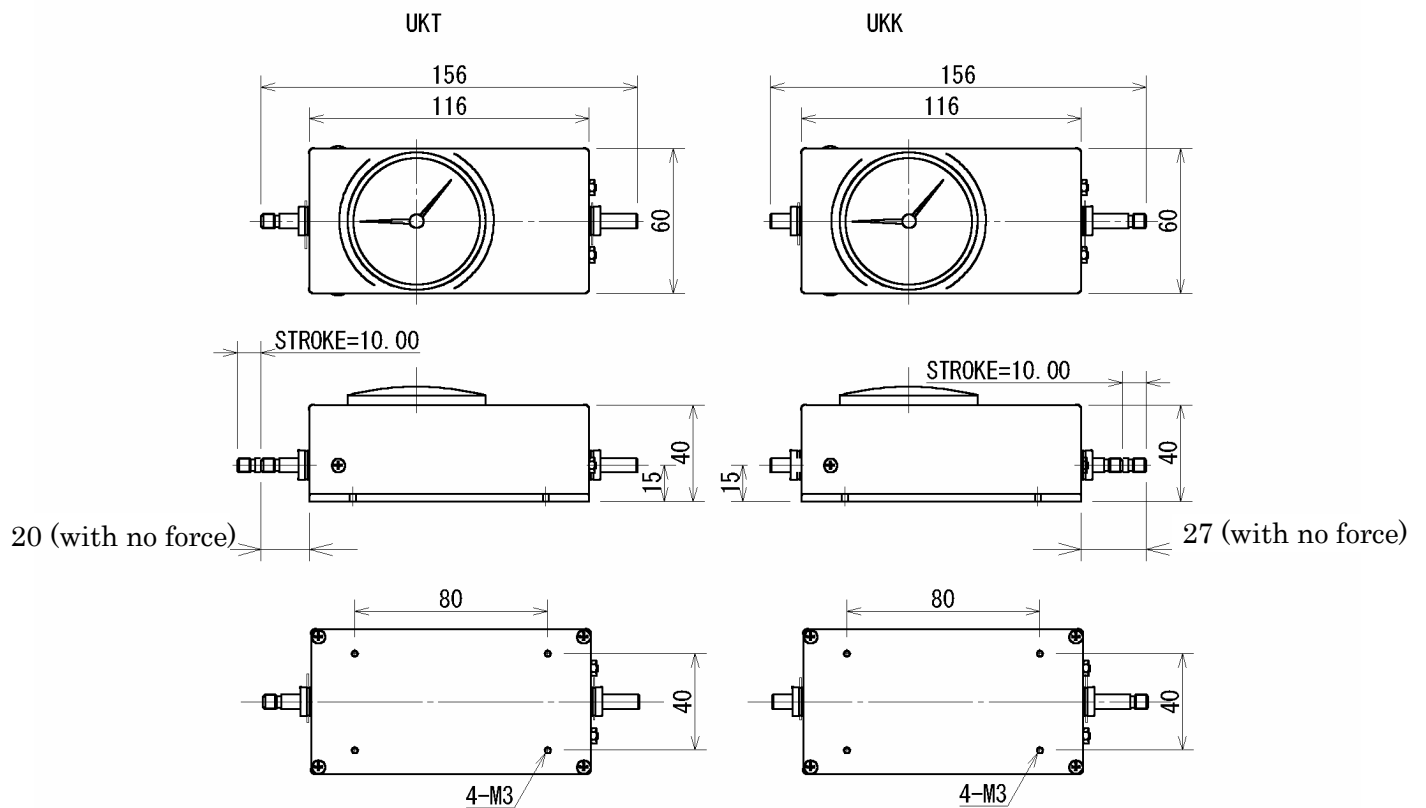
Note 1)

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## [Dimension]

## UKT

## UKK



## [Precautions]

- \*Do not apply excess force, torque, or impact on the measuring shaft.
- \*Do not use the gauge under the condition of the rapid temperature changes, high temperature, high humidity, near water and dusty place.
- \*Keep the gauge in the exclusive carrying case when it is not used.
- \*The use of the test stand made by Imada is recommended for the stable measuring result.
- \*All information is subject to change without prior notice.