

**NIKKEN**

**NEW COMPACT MODEL: 150MM LENGTH FROM GAUGE LINE TO THE END**

**BT30 UNIVERSAL MICRO TOUCH**

**IDEAL FOR SMALL BT30 MACHINE WHICH HAS NARROW MACHINING AREA**

**NEW MODEL  
BT30-UMT150**

**CONVENTIONAL MODEL  
(BT30-UMT200W)**

**GAUGE LINE**

**150mm**

**200mm**

**NEW  
COMPACT TYPE**

**3D ELECTRONIC EDGE DETECTOR FOR BT30 MACHINE  
ENABLING DETECTION OF REFERENCE POSITION,  
INNER AND OUTER DIMENSION AND CENTERING EASILY**

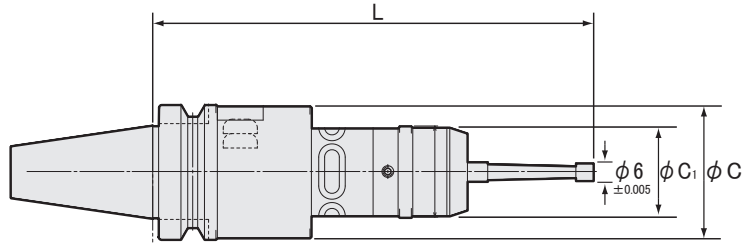
# NIKKEN UNIVERSAL MICRO TOUCH

## 3D ELECTRONIC EDGE DETECTOR FOR BT30 MACHINE ENABLING DETECTION OF REFERENCE POSITION, INNER AND OUTER DIMENSION AND CENTERING EASILY

- Repeatability  $\pm 2$  micron
- Long Safety Over-Travel Distance  
X, Y =  $\pm 7$ mm, Z = 3mm

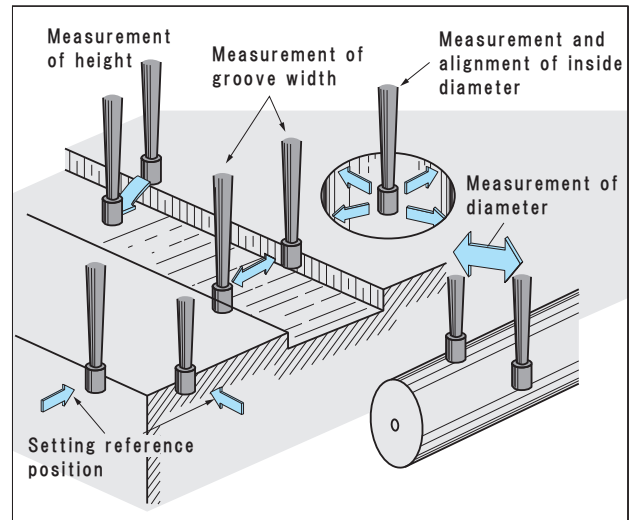
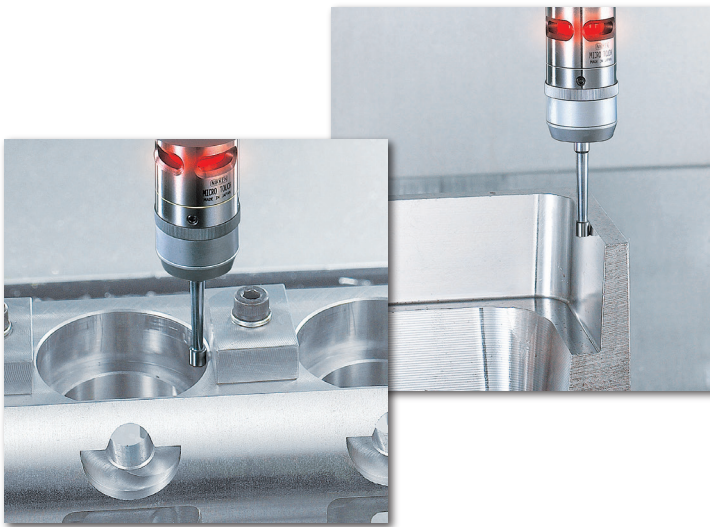


**BT30-UMT**



Taper	Code No.	L	C	C <sub>1</sub>
No.30	<b>NEW</b> BT30-UMT150	150	45.0	31.0
	BT30-UMT200W	200	62.5	44.5

- The red lamp lights when the stylus touches the work piece.
- Suitable for various measurement like reference position, height, step, groove width, inside diameter.



### ▼ How to get touching position

Make the stylus slowly close to the measuring surface of work piece and the red lamp will light when the stylus touches the work piece.

A position where 3mm is compensated from that position (due to stylus diameter 6mm), is the touching position to be obtained.

- ★ Cannot be used for non-conductive work piece.
- ★ In case the work piece is fixed with magnet, the stylus is affected by magnetic force and accurate measurement is not possible.
- ★ Please contact us about special universal micro touch with non-magnetic stylus.
- ★ UMT200W gives the electronic beep sound when the stylus touches the work piece.