KA Counter

SERIES 174 — Standard Type

FEATURES

- High performance/price ratio 2/3-axis counter with new 10-coordinate function and existing KL counter functions
- The KA counter can be used as the "standard counter" or a "lathe counter" by modifying parameters.
- Can be used with both the existing AT100 series optical scales and the new AT715 electromagnetic induction scale.

Optional Accessories

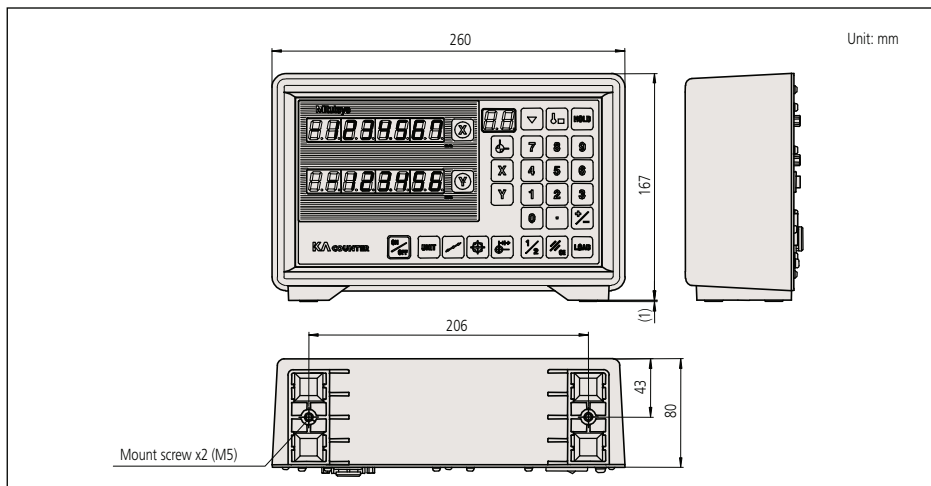**938140**: Touch signal probe (shank diameter: 20mm)
935094: Touch signal probe (shank diameter: 32mm)
09CAB217: RS232C code out unit

174-173
(for 1-axis or 2-axis)

174-175
(for 3-axis)

Makes it easy to perform such operations as datum point setting (detecting the workpiece edge and setting the counter display to zero), workpiece centering, and dimensional measurement (detecting the workpiece end point and holding the counter display).

SPECIFICATIONS

Order No.	174-173*	174-175*
Scale input ports	2	3

* To denote your AC power cable add the following suffixes to the order No.: **A** for UL/CSA, **B** for Asia, **D** for CEE, **DC** for CCC, **E** for BS, **F** for SAA, **K** for EK, **No suffix** is required for JIS/100V

DIMENSIONS

Unit: mm

Mount screw x2 (M5)

Functions

Function	Counter KA	KLD 200
Diameter display	●	●
Addition of 2-scale data	●	—
Linearity error compensation	●	●
Smoothing	●	●
RS-232C Interface Unit	▲	●
BCD Code Out	—	▲
Limit signal output	—	●
Zero-setting	●	●
Preset	●	●
Resolution setting	●	●
Measurement direction setting	●	●
mm/inch conversion	●	●
1/2 calculation	●	●
ABS/INC coordinate selection	●	—
Lower digit blanking out	●	●
Memory backup	●	●
Expansion/contraction coefficient setting	—	●
Zero approach machining (INC mode)	●	—
Bolt-hole circle machining	●	—
Touch-signal probe	▲*	▲
Scale reference point setting	●	●
Maximum/minimum value hold	—	●

●: Provided as standard, ▲: Optional accessory, —: Not available
▲*: Only available for AT100 series