KA Counter

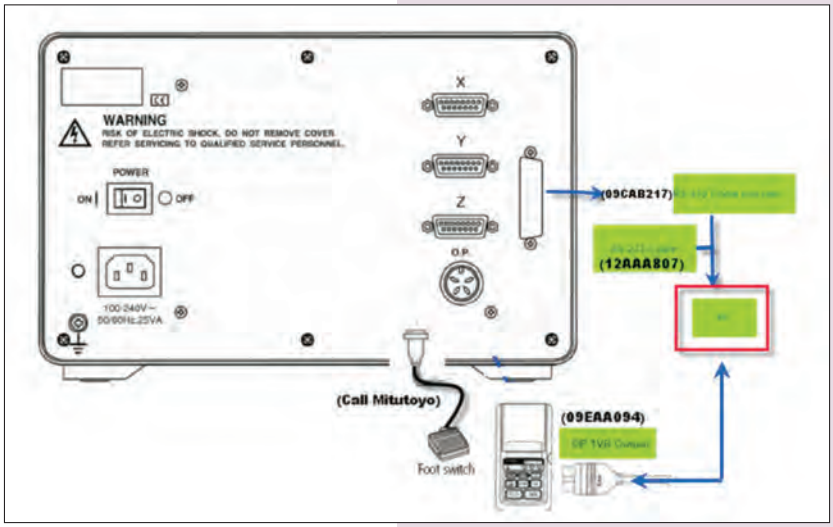
SERIES 174 — Standard Type

FEATURES

- High performance, low cost 2 or 3 axis counter
- The KA counter has both mill and lathe functions, as well as standard functions
- Connectable with AT715 electromagnetic scales and AT100 series glass scales

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

174-175A (for 3-axis)



Technical Data: Common

Scale input ports:	2, 3
Resolution:	.000005", .00005", .0001", .0002", .0005" (0.0001mm, 0.001mm, 0.002mm, 0.005mm, 0.010mm) (changeable with parameters)
Display:	7-digit LED and a negative [-] sign
Power supply:	100V-240V AC, 50/60Hz
Mass:	1.1kg (2-axis), 1.2kg (3-axis)

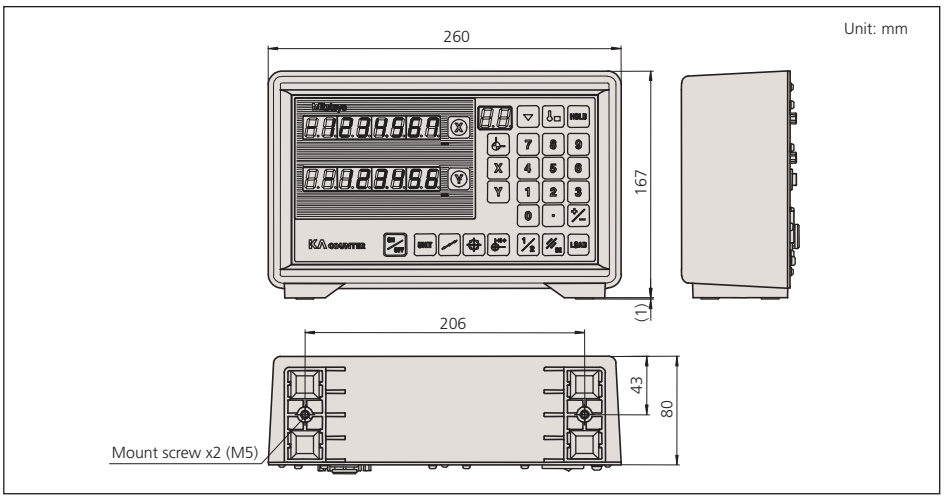
Optional Accessories

09CAB217: RS232C code out unit
64PMT114: Converter cable, RS232C to Digimatic SPC
965004: RS-232C ext. load foot switch
264-504-5A: DP-1VR, 120V AC
09EAA094: RS-232C counter cable

SPECIFICATIONS

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

DIMENSIONS



Functions

ZERO	Zero-Setting	●
P.SET	Preset	●
0.001 / 0.01	Resolution setting	●*1
	Counting direction setting	●
mm/E	mm/inch conversion	●
1/2	1/2 calculation	●
	ABS/INC coordinate selection	●*2
123	Lower digit blanking out	●
	Memory backup	●
	Expansion/contraction coefficient setting	
	Zero approach machining [ABS mode]	●
	Zero approach machining [INC mode]	●
	Bolt-hole circle machining	●
	Touch-signal probe	○
SET	Scale reference point setting	●*6
MAX/MIN	Maximum/minimum value hold	
DIA	Diameter display	●
Z1+Z2	Addition of 2-scale data	●*4
TOOL	Cutting tool selection	●*5
	Linearity error compensation	●
1234	Smoothing	●
RS-232C OUTPUT	RS-232C Interface Unit	○

● : Provided as standard
○ : Optional accessory
*1 Resolutions to be set differ depending upon the type of Counters.
*2 1 absolute (ABS) coordinate and 9 incremental (INC)
*3 coordinate are provided for the KA Counter.
*4 Not available on the 1-axis Counters.
*5 Not available on the 2-axis Counters.
*6 10 cutting tools can be specified on the KA Counter. When connecting AT100 Series Glass Scale.