

# KA-Counter

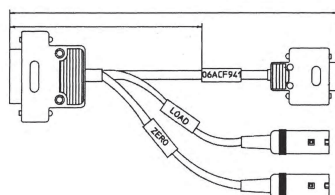
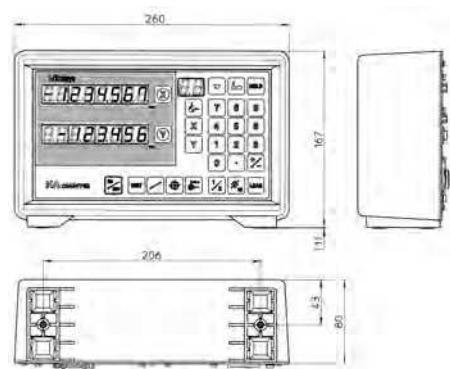
## Series 174

- Displays length indication transmitted from a linear scale.
- Easy to operate, multifunctional display unit for milling machines and lathes.
- Connectable Linear scales : AT103/AT112/AT113/AT116/AT181/AT715.
- Connectable old model Linear scales: AT102/AT111/AT115



174-175

| No.       | Axes | Mass kg | Remarks |
|-----------|------|---------|---------|
| 174-173D  | 2    | 1.1     |         |
| 174-175D  | 3    | 1.2     |         |
| 174-173E  | 2    | 1.1     | UK only |
| 174-175E* | 3    | 1.2     | UK only |



06ACF941

| Functions   | Series 174 |
|---|------------|
| PRESET  | ●          |
| ABS/INC mode  | ●          |
| Zero approach machining   | ●          |
| Pitch circle  | ●          |
| Hole sequence processing  | ●          |
| Scale reference points  | ●          |
| Tool specification  | ●          |
| Selectable resolution   | ●          |
| Diameter display  | ●          |
| Counting direction switchable   | ●          |
| Macro function keys for lathes, milling and surface grinding machines | ●          |
| Programming function  | ●          |
| Addition of values from 2 axes (not available on 2 axes counter)      | ●          |
| Addition/subtraction  | ●          |
| Linearity error compensation  | ●          |
| Lost motion compensation  | ●          |
| Blanking of unwanted trailing digits                                  | ●          |
| Storage of the last display value                                     | ●          |
| Copying of coordinate data  | ●          |
| Data transmission from DIGIMATIC measuring instruments                | ●          |
| ZERO/ABS (only with AT715)  | ●          |
| mm/inch switching   | ●          |
| Zero approach function (absolute mode)                                | ●          |
| Zero approach function (Incremental mode)                             | ●          |

### Specifications

|                           |                   |
|---------------------------|-------------------|
| Digital Step              | 0,005; 0,001 mm   |
| Display                   | 7 digit, sign (-) |
| Operation temperature     | 0°C to 45°C       |
| Dimensions (W x D x H) mm | 260 x 167 x 80 mm |
| Display                   | 7 Digit, sign (-) |

### Optional accessories

| No.      | Description  |
|----------|--|
| 09EAA094 | RS-232C Data cable 1 m (25-pin) for connecting DP-1VR to Linear Scale KA counter |
| 965004   | Foot switch  |
| 06ACF941 | Connecting line serial interface-Computer-Case/Footswitch 965004                 |
| 09CAB217 | RS-232 C interface   |
| 937326   | External load box 1 axis   |
| 937327   | External load box 2 axis   |
| 937328   | External load box 3 axis   |
| 936551   | External "Null Box" 1 axis   |
| 936552   | External "Null Box" 2 axis   |
| 936553   | External "Null Box" 3 axis   |
| 938140   | Touch signal probe ø 20 mm   |
| 935094   | Touch signal probe ø 32 mm   |