

## ME600 – Multi-axis digital readout, without auxiliary display

- Up to 3 axes displayed, up to 4 input axes.
- 7-digit display h = 17 mm.
- Variable resolution, selectable up to 0.5 µm.
- Tactile watertight front keyboard, protected against electrostatic discharges.
- Easy and immediate use thanks to dedicated keys and coded functions.
- Acoustic and visual signals guiding the operator.
- Excellent operating reliability.
- High versatility: applicable on different types of machine-tools, since it is keyboard-programmed.
- Options available, such as relay outputs and serial output.

### ME622 – ME623

With 2 displays

<b>Display</b>	7 high-efficiency digits h = 17 mm
<b>Input axes</b>	2 - 3
<b>Applicable to</b>	lathe - milling machine - boring machine - etc.
<b>Signal input per axis</b>	2 square waves out of phase 90° ± 5° and zero ref. 5 Vdc or 12 Vdc
<b>Power supply</b>	230 Vac ± 10% - 50/60 Hz 30 mA 110 Vac ± 10% - 60 Hz 60 mA 24 Vac ± 10% - 50/60 Hz 300 mA
<b>Memory</b>	<b>permanent</b> for configuration and special functions
<b>Available resolutions</b>	200 - 100 - 50 - 20 - 10 - 5 - 2 - 1 - 0.5 µm 1° - 0.5° - 0.2° - 0.1° - 0.05° - 0.02° - 0.01° 0.005° - 0.002° - 0.001°
<b>Protection class</b>	keyboard IP 67 rear panel IP 42
<b>Options</b>	relay outputs (1/2/3) serial output RS-232 standard autonomy battery 1.5 h double autonomy battery 3 h



2-axis version

### ME633 – ME634

With 3 displays

<b>Display</b>	7 high-efficiency digits h = 17 mm
<b>Input axes</b>	3 - 4
<b>Applicable to</b>	lathe - milling machine - boring machine - etc.
<b>Signal input per axis</b>	2 square waves out of phase 90° ± 5° and zero ref. 5 Vdc or 12 Vdc
<b>Power supply</b>	230 Vac ± 10% - 50/60 Hz 30 mA 110 Vac ± 10% - 60 Hz 60 mA 24 Vac ± 10% - 50/60 Hz 300 mA
<b>Memory</b>	<b>permanent</b> for configuration and special functions
<b>Available resolutions</b>	200 - 100 - 50 - 20 - 10 - 5 - 2 - 1 - 0.5 µm 1° - 0.5° - 0.2° - 0.1° - 0.05° - 0.02° - 0.01° 0.005° - 0.002° - 0.001°
<b>Protection class</b>	keyboard IP 67 rear panel IP 42
<b>Options</b>	relay outputs (1/2/3) serial output RS-232 standard autonomy battery 1.5 h double autonomy battery 3 h



3-axis version

## MAIN FUNCTIONS ME600

- SELF-TEST/ MANUAL TEST
- MIDPOINT CALCULATION
- MEMORY CLEARING
- CONSTANT PITCH
- INVERSION OF COUNTING DIRECTION
- RESETTING/PRESETTING OF A DIMENSION
- MM/INCH CONVERSION MODE
- ANGULAR READING
- SEXAGESIMAL DEGREES READING
- ABS/INC COUNTING
- SCALE ZERO REF.
- 100 OFFSET TOOL SELECTION
- VARIABLE RESOLUTION
- RADIUS/DIAMETER CONVERSION
- SCALE FACTOR
- LINEAR CORRECTION
- AXIS COUPLING