



Zero Master – the precise and versatile measuring instrument for milling and EDM machines (insulated probe)

It is clamped into the milling spindle or the electrode head and makes possible an exact positioning of the spindle axis on the edges of the workpiece or jig set and the length to be measured quickly and easily. You may measure in any direction (X-, Y-, Z-axis). Once clamped in the machine spindle the runout (T.I.R.) is fully adjustable to zero.

Easy handling

The dial gauge indicates the distance between spindle axis and workpiece edge. As soon as the gauge shows zero, the spindle axis is exactly on the workpiece edge on the first attempt. This eliminates calculating or problems with positive or negative signs.

The digital display has large numbers that measure in increments of 0.01 mm. It can be easily read from a long distance. (i.e. when mounted on a large machining center.) The digital display is splash-proof and dust-proof and can be stored in the tool magazine of the machine. The extended overrun distance in connection with the proven preset breaking point of the probe give additional security.

Item	Probe Ø	Accuracy	Length	Order Number
Short Probe Tip	0.2"	0.0004"	1"	80.365.20
Long Probe Tip	0.4"	0.0004"	2.6"	80.365.30
Digital Probe w/ Probe Tip, Inch	0.2"	0.0004"	3.9"	80.560.00.IN