



Zero Master Edge Finder

For quick, precise workpiece location to eliminate errors

- Increases productivity by eliminating calculation errors.
- Can be used on any milling machine.
- Also for use on EDM machines (with insulated probe).
- Measures X, Y, or Z-axis.
- Locates workpiece edges (from spindle center) or workpiece length.
- Easy-to-read digital display in inch units.
- Splash-proof, dust-proof unit can be stored in the machine tool carousel; ready for use.
- Battery operated (3V Lithium) for up to 3000 hours continuous operation. (digital Zero Master only)
- Extended probe displacement range helps against damage.

Quick and easy to use—

1. Clamp into machine spindle (or electrode head).
2. Adjust TIR to zero.
3. The readout indicates the distance between the spindle axis and workpiece edge.

Digital Zero Master Specifications:

Description	Size inch (mm)
Measures in increments of	0.0004" (0.01)
Smallest unit of measure	0.0004" (0.01)
Repeatability	0.0004" (0.01)
Measuring Accuracy	0.0004" (0.01)
Display size	1.2 x 0.5" (30.5 x 12.5)
Height of display numbers	0.3" (7.5)
Length of probe tip	1" (25)
Diameter of probe's ball tip	0.2" (4)
Probe Range of Movement (Radial)	0.12"
Probe Range of Movement (Axial)	0.20"

Analog Zero Master Specifications:

Description	Size inch (mm)
Measures in increments of	0.0004" (0.01)
Smallest unit of measure	0.0004" (0.01)
Repeatability	0.0004" (0.01)
Measuring Accuracy	0.0004" (0.01)
Length of probe tip	1" (25)
Diameter of probe's ball tip	0.2" (4)
Probe Range of Movement (Radial)	0.12"
Probe Range of Movement (Axial)	0.20"

3D Sensor Measuring Unit Specifications:

Description	Size inch (mm)
Measures in increments of	0.0004" (0.01)
Smallest unit of measure	0.0004" (0.01)
Repeatability	0.0004" (0.01)
Measuring Accuracy	0.0004" (0.01)
Length of probe tip	1" (25)
Diameter of probe's ball tip	0.2" (4)
Probe Range of Movement (Radial)	0.12"
Probe Range of Movement (Axial)	0.20"



Part No.	Description
XWEF-0001	Digital Zero Master Edge Finder (standard) with 1" length tip
XWEF-8001	Digital Zero Master Edge Finder (Metric) 4mm length tip

REPLACEMENT PARTS

Part No.	Description
XWEF-0001-5	1.0" replacement tip, 0.2" diameter ball for digital standard Zero Master
XWEF-0001-6	2.6" optional tip, 0.4" diameter ball for digital standard Zero Master
XWEF-8001-5	4mm replacement tip for digital metric Zero Master
XWEF-8001-6	8mm optional tip for digital metric Zero Master



Part No.	Description
XWEF-0002	Analog Zero Master Edge Finder (metric) with 4mm length tip

REPLACEMENT PARTS

Part No.	Description
XWEF-0002-1	8mm optional tip for analog Zero Master & 3D Sensor
XWEF-0002-2	4mm replacement tip for analog Zero Master & 3D Sensor



Part No.	Description
XWEF-0003	3D Sensor Zero Master (metric) with 4mm length tip

REPLACEMENT PARTS

Part No.	Description
XWEF-0002-1	8mm optional tip for analog Zero Master & 3D Sensor
XWEF-0002-2	4mm replacement tip for analog Zero Master & 3D Sensor