Auckland: (09) 2717 234
Christchurch: (03) 741 6241

sales@machineryhouse.co.nz
www.machineryhouse.co.nz

Product Brochure For M694

HAIMER Universal 3D Tester - EL-3D

Made In Germany

Ex GST	Inc GST
$1,330.00	$1,529.50



ORDER CODE:	M694
MODEL:	EL-3D
Type:	3D Taster
Accuracy (mm):	0.01
Shank Diameter:	20
Tip Diameter (mm):	Ø4
Length without clamping shank (mm):	113
Overall Length:	163
D (mm):	~
d2 (mm):	~
L (mm):	~
l1 (mm):	~
l2 (mm):	~
Battery:	~
Nett Weight (kg):	1.24kg

HAIMER

Made in Germany

1 YEAR WARRANTY

Description

Manufactured in Germany

Universal 3D Tester including short probe tip is a very precise and versatile measuring instrument for milling and EDM machines (insulated probe).

The 3D-Sensor is clamped into a tool holder and inserted into a milling spindle. Once clamped into the machine spindle, the run-out (T.I.R) is fully adjustable to Zero. Then, you are able to find exact positioning of the spindle axis on the edges of the workpiece. This allows for zeros to be set and the length to be measured quickly and easily. You may approach in any direction (X-, Y-, Z- axis – hence the name "3D-Sensor"). When the dial gauge shows zero, the spindle axis is exactly on the workpiece edge.

Only the HAIMER 3D-Sensor allows for the edge to be found on the first attempt. No calculating of the probe's ball diameter is necessary – just Zero it out! Problems with mathematics or calculations are eliminated, allowing for fewer operator errors. Our 3D-Sensor is quick and easy, reducing the extra time needed with most edge-finders, increasing the productivity and accuracy of the operator.

Simply bring the needle to Zero, and that is your edge with any probe. The accuracy is such that you are able to inspect your parts right on the machine. Tram vises, find the center of your bore, find your edge and inspect parts - it is all possible with the HAIMER 3D-Sensor. The unit has a large overrun distance in connection with the fully tested preset breaking points giving the sensor long life. All Universal 3D-Sensors are individually tested and adjusted when being assembled in order to achieve a maximum of measuring precision.

The Sensor is waterproof according to IP67.

Please take note: The given measuring precision of 0.01mm only applies, if the original HAIMER probe tips are used.

Included in delivery: Universal 3D-Sensor including clamping shank Ø20 mm, short probe tip Ø4mm

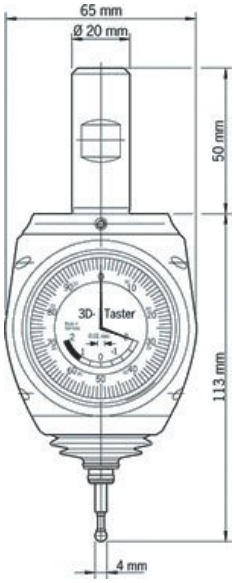
Features

- Ø20mm Shank
- 0.01mm Accuracy
- 113mm Length without clamping shank

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Specific Features



Side View



Angle View



Close Up

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Recommended Accessories

M694B

Replacement Stylus - 27.5mm
Standard Tip

