



TRUPOSITION®

QUALITY. MEASURED.

TruPosition® Probes and Components ensure precise measurements where speed and accuracy are critical.

TruPosition Probes Deliver

Accurate and repeatable performance up to 0.005mm, depending on the model.

Variable data collection via wireless, data collector, or operator entry.

Multi-functional performance – Simultaneous measurement of A and B-Axis, multiple hole locations across multiple gages.

Tight checking point options, including tight tolerance and tight space.

Standard and custom solutions, including custom probe tips and additional features.

Durable design for heavy-duty manufacturing environments and applications.

PRODUCTS

TRUPOSITION PROBES

Digital Probes
Manual Probes
Analog Probes

LVDT Probes
Pneumatic Probes
3rd Axis Probes

PROBE COMPONENTS

CMM Tooling Aids
Indicator Adaptors
Orientation Rings

Probe Blocks
SPC Triggers and Set Masters
Stop Screw Set

PROBE ACCESSORIES

3rd Axis Probe Certification
Master
Analog Interface Cable
Custom Probe Tips

Digital Interface Box / Cable
Offset Calibration Master
Bushings



TRUPOSITION PROBES CAPABILITIES OVERVIEW

FIND YOUR APPLICATION

MANUAL / HANDHELD APPLICATIONS

Inspecting For	Customer Needs	Recommended Probe Type
Dual-Axis Hole Location	Hole Location	Digital; Analog
	Multiple Hole Location Checks – Single Gage	Digital; Analog
	Tight Checking Point	Analog
	Tight Tolerance Hole Location Check	LVDT
	Tooling Development / Adjustments	Digital; Analog
Surface Data Collection	Variable Surface Data Collection	3 rd Axis; SPC Trigger
	Tight Checking Point + Variable Surface Data Collection	SPC Trigger

AUTOMATED INSPECTION APPLICATIONS

Inspecting For	Customer Needs	Recommended Probe Type
Hole Location	100% Variable Data Collection and Reporting	Pneumatic
Surface Data Collection	Variable Surface Data Collection	3 rd Axis Probe

TRUPOSITION PROBE TOLERANCES AND CAPABILITIES

Probe Type	Accuracy +/-	Repeatability +/-	Range	Max Hole Size
Digital Probes	0.0005"	0.0005"	0.125"-0.236"	0.930"
	0.0127mm	0.0127mm	3.17-6.00mm	23.62mm
Manual Probes	0.001"	0.0005"	0.125"	0.930"
	0.025mm	0.0127mm	3.17mm	23.62mm
Analog Probes	0.001"	0.0005"	0.125"-0.236"	0.930"
	0.025mm	0.0127mm	3.17-6.00mm	23.62mm
LVDT Probes	0.00025"	0.00025"	0.125"-0.236"	0.930"
	0.005mm	0.005mm	3.17-6.00mm	23.62mm
Pneumatic Probes	0.00025"	0.00025"	0.236"	0.930"
	0.005mm	0.005mm	6.00mm	23.62mm

LET'S HAVE A CONVERSATION

Contact Us

info@tpprobes.com | 1-514-1343

Find Us

www.tpprobes.com | www.cequalitysolutions.com