

RAPID INSPECTION SYSTEM

MODEL ST 432 / ST 862 / ST 1410

Enhanced Optical Performance

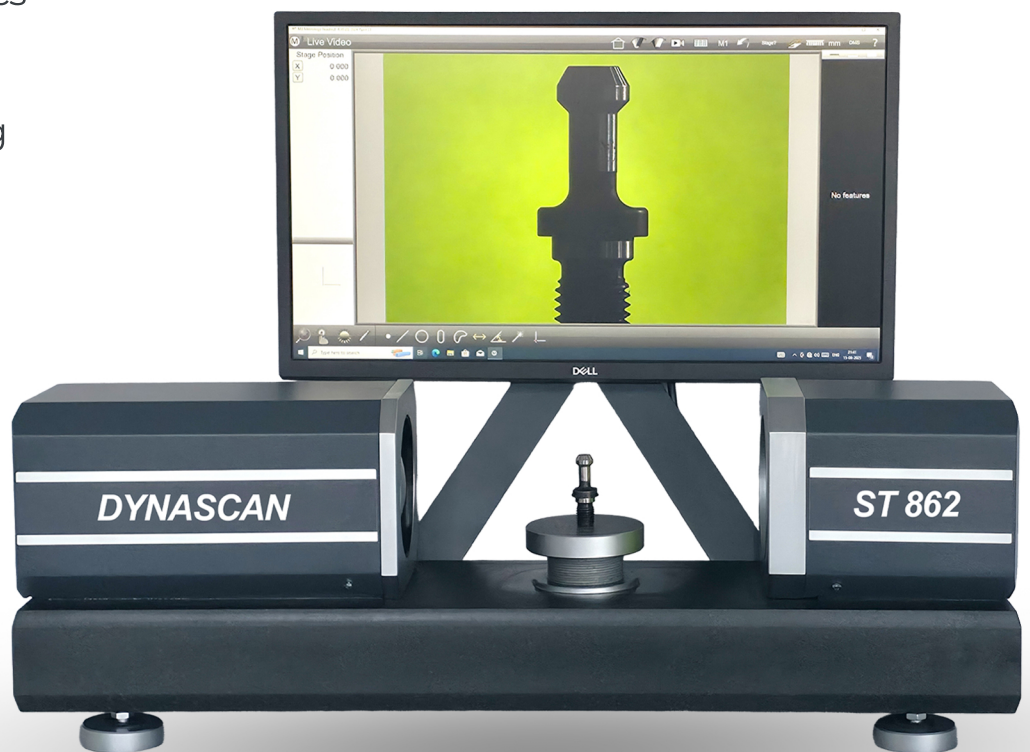
One-Touch Measurement:

High-Resolution Optics

Consistent Accuracy

Automated Reporting

Pass and Fail Reports



MODEL ST 432/ 862/ 1410 TECHNICAL SPECIFICATIONS

Model	ST 432	ST 865	ST 1410
Camera	High Resolution CMOS Color Camera		
Objective Lens	Precision Bi-Telecentric, Large Depth of focus, Distortion free		
Field Of View	42 x 32 mm	86 x 65 mm	140 x 118 mm
Resolution	1 Micron		
Accuracy	2 Microns + L/ 50*	4 Microns + L/ 50*	6 Microns + L/ 50*
	*Measured with a calibration Standard		
Repeatability	+/- 0.5 Microns	+/- 1 Microns	+/- 1.5 Microns
Illumination System	Profile and Surface Illumination, Software Programmable		
PC Device	High End PC with High Resolution HDMI Monitor		
Power Supply	100 to 200 VAC, 50/60Hz, 700 Watts, 1 Phase		
AmbientCondition	10 - 40 degree Celsius		
Weight	15 - 45 kg (approx.)		
Dimensions	250x 200x 450 mm	320x 250x 540 mm	785x 270x 630 mm
Instant Measurements	One touch Instant Measurements, programming		
Auto - Call	Automatic Part Recognition and Recall		
Auto - Align	Automatic Part Orientation and Alignment		
Measurements	Lines, Arcs, Circles, Slots, Blobs, Distances, Angles , 16000 Features, multi Point/ Batch Measurements, Sub Pixel processing and Point Filters For Accuracy		
Tolerance	Length, Diameter, Angles, Area, Concentricity, Form, Etc.		
Reports	*.CSV, *.TSV, *.TEXT		
CAD Exports	DXF Files of Features, Nominal Values, Tolerances		
Multi Language Function	English, German, Italian, French, Spanish, Czech, Portuguese, Polish, Russian, Japanese, Chinese		
Options	Thread Measurement, Profiling, DFX Overlay Imports, Digital Comparator with Bands, Tolerance, Cable Inspection and 3D Touch Probe		

***Specifications are subject to change with changes in design**