

DYNASCAN VIDEO-CHEK

VIDEO MEASURING MACHINE - MODEL TZ 300



NEW!



- ADVANCED TELE-CENTRIC ZOOM LENS
- INSTANT IMAGE GRAB
- RAPID INSPECTION SOFTWARE
- STROKE 300 X 200 X 175
- AUTO FOCUS INDICATOR
- COMPACT, LIGHT WEIGHT RIGID MACHINE
- TOUCH PROBE
- TOUCH SCREEN MONITOR
- AFFORDABLE HIGH ACCURACY

- The **Dynascan TZ 300** is a new generation compact **Video Measuring Machine** featuring a high precision **Tele-Centric Zoom Lens** and instant **Image Grab Software** for Rapid Inspection.
- A compact workstage in a lightweight, rigid structure offers a large stroke of 300 x 200 mm with a vertical movement of 175 mm.
- An accurate **Auto Focus Indicator** aids in good positioning repeatability in the Z Axis for making height measurements. The software accepts a Touch Probe for 3D measurements.
- The advanced lens design and software enable accurate stitching of images, to completely map a large part.

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SPECIFICATIONS	VMM TZ 200	VMM TZ 300	VMM TZ 400
CAMERA	5 MEGA PIXEL CMOS COLOUR CAMERA		
PC / MONITOR	HIGH END PC WITH 21.5 INCH TOUCH SCREEN HIGH RES MONITOR		
LENS	TELECENTRIC ZOOM LENS		
MAGNIFICATIONS	6X SIX STEP MAGNIFICATION		
FIELD OF VIEW (WITH SMALL CORNER CHAMFER)	32 X 24 mm		
ACCURACY	+/- (2+L/100) MICRON		
RESOLUTION	1 MICRON		
REPEATABILITY	+/- 1 MICRON		
MEASURING RANGE X/Y AXIS	200 X 100 x 100 mm VERTICAL	300 X 200 x 175 mm VERTICAL	400 X 300 x 200 mm VERTICAL
DIMENSIONS L x B x H / WEIGHT (APPROX.)	435 x 360 x 470 mm /15 kg	535 x 460 x 570 mm /20 kg	635 x 560 x 670 mm /25 kg
MEASURING SYSTEM / PROTRACTOR	BUILT IN LINEAR SCALES / ROTATING CROSS HAIR		
PROFILE / SURFACE LAMPS	MULTI CHANNEL LED PANELS		
POWER SUPPLY	100 TO 240 VAC, 50/60HZ, 400 WATTS, 1 PHASE		
AMBIENT CONDITIONS	10 TO 40 DEGREES CELSIUS		
SOFTWARE FEATURES			
INSTANT MEASUREMENT	ONE TOUCH INSTANT MEASUREMENT, 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 MEASUREMENT		
	SUB PIXEL PROCESSING AND POINT FILTERS FOR ACCURACY		
TOLERANCES	LENGTH, DIAMETER, ANGLES, AREA, CONCENTRICITY, FORM ETC., ISO STANDARDS		
REPORTS	*.CSV, *.TSV, *.TXT ,		
CAD EXPORT / IMPORT	DXF FILE OF FEATURES, NOMINAL VALUES, TOLERANCES		
MULTI LANGUAGE FUNCTION	ENGLISH, GERMAN, ITALIAN, FRENCH, SPANISH, CZECH, PORTUGUESE, POLISH, RUSSIAN, ROMANIAN, JAPANESE, CHINESE		

DYNASCAN Inspection Systems Company

No. 39 P/1 Phase 2 (East), Electronic City, Hosur Road,
Bangalore - 560 100, INDIA.

Telephone: +91-80-4110 2747, 4110 2949, 2852 1777

Sales & Service (Hotline): +91-97411 09029 / 39

Email: sales@dynascan.info Website: www.dynascan.info