

DYNASCAN MULTI-CHEK

DIGITAL PROFILE PROJECTOR - MODEL DPP 400H



NEW!

- PROFILE PROJECTOR
- VIDEO MEASURING MACHINE
- RAPID INSPECTION SYSTEM
- SHAFT INSPECTION SYSTEM
- GEAR INSPECTION SYSTEM
- CUTTING TOOL INSPECTION SYSTEM
- AND MANY MORE . . .



- CUTTING EDGE TECHNOLOGY ■ GERMAN OPTICS, CAMERA, SOFTWARE
- FIELD OF VIEW 86 MM (3.4 INCH) X 65 MM (2.55 INCH)
- WORKSTAGE STROKE 300 MM (12 INCHES) X 150 MM (6 INCHES)
- TELE - CENTRIC ZOOM LENS ■ INSTANT, IMAGE GRAB SOFTWARE
- DRAWINGS, DXF FILES, TOLERANCES ■ SPC REPORTS
- PATENT PENDING

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The Dynascan Multi-Chek Digital Profile Projector is the latest evolution in Profile Projectors. High accuracy optics and Image Grabbing Software enables instant inspection at rapid speeds. For one off measurements, the machine can also be used as a simple Profile Projector without special operator training.

For high volume, complex measurements, the machine can be used as a single shot "Field of View" inspection system. For long jobs, the workstage can be moved 300 x 150 mm, enabling the inspection of parts outside the field of view.

Fixtures like a Vice, V- block & Centers, Vertical Glass Plate Holder and Revolving Fixture hold jobs like shafts, gears, cutting tools, thin light parts like gaskets and so on.

The Dynascan Multi-Chek Digital Profile Projector is a truly versatile, "All in One", multi capability machine which can be used for inspecting a wide variety of parts.

SPECIFICATIONS	DPP 400H
CAMERA	5 MEGA PIXEL CMOS COLOUR CAMERA
PC / MONITOR	HIGH END PC WITH 21.5 INCH TOUCH SCREEN HIGH RES MONITOR
LENS	HORIZONTAL, BI TELECENTRIC, LARGE DEPTH OF FOCUS, DISTORTION FREE
MAGNIFICATIONS	5X STANDARD, 5 STEP ZOOM LENS OPTIONAL
FIELD OF VIEW (WITH SMALL CORNER CHAMFER)	86 X 65 mm
ACCURACY	+/- (2+L/100) MICRON
RESOLUTION	1 MICRON
REPEATABILITY	+/- 1 MICRON
WORKSTAGE (TABLE TOP AREA)	450 X 160 mm, ONE DOVETAIL SLOT; X-AXIS QUICK RELEASE
MEASURING RANGE X/Y AXIS	300 X 150 mm, 70 mm FOCUSING
DIMENSIONS L x B x H / WEIGHT	1060 x 600 x 1040 mm / 145 kg (APPROX.)
MEASURING SYSTEM / PROTRACTOR	BUILT IN GLASS SCALES / ROTATING CROSS HAIR
PROFILE / SURFACE LAMPS	MULTI CHANNELS LED PANELS
POWER SUPPLY	100 TO 240 VAC, 50/60HZ, 400 WATTS, 1 PHASE
OPTIONAL ACCESSORIES	SWIVELLING VICE, PAIR OF V BLOCKS WITH CENTRES, VERTICAL WORK PIECE HOLDER, PEDESTAL STAND
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

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