

NEW **TESA MICRO-HITE 3D** **454 RECORDER**



A NEW WAY FOR INSPECTING SMALL TO MEDIUM PART SERIES

- MODERN YET WELL-TESTED CONSTRUCTION
- MANUAL AND/OR MOTORISED DISPLACEMENTS
- AUTOMATIC REPRODUCTION OF THE MANUAL DISPLACEMENTS
- TESA-REFLEX CONTROL PANEL FOR EASY OPERATION
- LEARN AND USE IN A FEW HOURS ONLY



HEXAGON METROLOGY

ISO 9001





A NEW WAY FOR PART SERIES INSPECTION

The TESA Micro-Hite 3D Recorder small CMM provides users with a newly added functionality, allowing for the automatic reproduction of any manual displacements.

Through this innovation, the programming time needed for dimensional inspection of a workpiece is notably shorter. The process consists in storing in the memory the sequence of the points to be probed, based on the range of inspection operations. This is done either in manual mode or with the aid of a joystick. Operated in motorised mode, the MH3D Recorder has henceforth the ability to indefinitely reproduce the programme sequence of the machine displacement required from a data point to another.

By offering this simple, multi-tasking measuring method to the workshop, TESA brings about an innovative yet dependable and effective solution for inspecting small to medium part series.

TESA-REFLEX RECORDER SOFTWARE TOOL

Besides all the functionalities available from the control panel provided with every manual TESA Micro-Hite 3D, this software comes with added functions, enabling any machine displacement to be saved in the memory and further reproduced.

TESA-REFLEX Recorder can handle alignment in a simple and fast way, and then automatically recognises the geometrical shapes being measured before establishing the relationship between two features by pressing a single key. The measurement results can either be processed for statistical analysis or exported in various ways.

Based on Windows EC technology, the TESA-REFLEX control panel includes a friendly user interface while ensuring data transmission to a variety of peripheral devices. TESA-REFLEX Recorder is highly intuitive and can be learned in a few hours only.

TECHNICAL DATA

MH3D Recorder order number	03939169
Measuring volume, X/Y/Z (mm)	440 x 490 x 390
Machine's overall dimensions, X/Y/Z (mm)	1030 x 1100 x 1680
Computing and display unit	TESA-REFLEX control panel
Software	TESA-REFLEX Recorder
Display field with background lighting	154 x 116 mm
Display resolution	0,001 mm / 0.00001 inch
Machine's weight	350 kg
Precision MPEE (L in mm)	
Mode manuel (µm)	3 + 4L/1000
Motorised operation (µm)	2,5 + 3,9L/1000



WHEN YOU NEED TO BE SURE



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TECHNOLOGY

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