DIGITAL PRECISION MEASUREMENT MACHINE

MODEL **TDS-700CY**

TDS-700 series is a highly reliable measurement machine focused on its accuracy and manipulation.Broadly utilizable. Example : Size measurement and hole pitch inspection of a printed circuit board, liquid crystal glass substrate, andsubstrate, precision photograph mask, screen mask, various films, block copy, various printed material, and other board-like products are feasible.

■ Major characteristics

● Measurement range is displayed by 1 micron in X: 650 mm/Y: 45mm

● 2-Dimentional Data Processing Function does not have the parallel necessity (locating) for a measuring object (target)

● Coordinates data iscalculated and printed out by its processing item

● Easy-to-operate measurement observation parts

● Excellent in stability in movement minute tuning

● Clear image by adoption of a high sensitive CCD camera

● A digital electronic visual line is included as a standard equipment

● Through the table measurement is possible at the light table of a measurement stand

■ Main specification

Measurement ranges	650mm (X-axis)45mm(Y-axis)
Minimum reading unit	1μm
Accumulated precision	within $\pm10\mu$m $20°C\pm1°C$
Display method	digital counter, 6-figure display
Microscope movement range	Vertical direction 60mm horizontal direction 45mm
Microscope magnification	2x of TV microscope, real view around $2.4\times3.2\times4$mm
Stand size	$1000(W)\times820(D)$(mm)
Maximum thickness	50mm
External dimensions	$1100(W)\times820(D)\times1360(H)$(mm)
Table lighting equipment	30W fluorescent light 1 light (with a fan)
Reflection Lighting	2 lights fiver 12V/100W(Halogen Lamp)
Through the Lens Lighting	Halogen Lamp 6V/10W
Video system	CCD camera / 9-inch Monochrome monitor/ Digital electronic visual line
Arithmetic unit	2-Dimentional Data Processing Function
Power source	AC100V 10A
Weight	About 230Kg
Option	Glass Bar

* Specifications and design details may be subject to change.