

EXLON-Y

Adequate for vision measurement for printed circuit board and so on.

With "Manual operation and noncontact method", this vision measuring machine allows high-precision measurement for small parts and soft objects.

Manual and noncontact type
vision measuring machine

EXLON-Y



- Only by clicking the measurement location, multipoint measurement can be automatically conducted.
- Basic measurement for point, line, circle, arc, etc. (500 points at the maximum)
- Indirect measurement for distance, angular midpoint, etc.
- Coordinate system setting for axis correction. origin movement, etc.
- Calling and recalculation
- Drawing is conducted at the same time as measurement.
- Recalculation can be conducted only by clicking the measurement location on the graph, instead of number for recalculation of result.
- Graphs can be stored in a DXF file. It can be transferred to CAD/CAM, allowing editing.
- As measurement data, in addition to X and Y coordinate values, geometrically calculated values such as roundness and straightness can be outputted at the same time.
- Also the shortest distance and the longest distance can be calculated.
- CNC machines (automatic) are also provided.

EXLON Y : Specifications

Model	EXLON Y 45
Measuring range for X axis	400mm
Measuring range for Y axis	500mm
Resolution	0.001mm
Precision on each axis	5+5L/1000 μm
Operation method	Manual
Sliding section	LM guide
Sensor	Optical linear scale
Environmental conditions: Temperature	18°C~30°C
Environmental conditions: Humidity	30%~80%
Detection of image	High-definition image CCD camera
Lighting system	LED epi-illumination, transillumination (optional)
Zoom lens-barrel	1x to 4x zoom lens
Personal computer	OS : Windows 7 Professional
A	1300mm
B	720mm
C	800mm
Weight	290kg

Large sizes (up to 2,000 mm) are supported. Contact our company or your dealer.