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# Profile Projector

## SP-3015



### Features

This product features its good quality optical path, rational design, clear object lens imaging and accurate magnification, with tolerance for displayed value up to  $(3+L/75)\mu\text{m}$ . (Here, L stands for the measured length (mm)). It has humanized design,  $45^\circ$  oblique angle between mechanical ascent handle and operator, ensuring easy operation. No occurrence of blocking as the traditional leather belt transmission is replaced. Attached RS232 interface allows the easy upgrading for software.

Asterisk-shaped line is internally marked on the glass of projection screen (exclusive design), ensuring long service life without the need of replacement.

MODEL	SP-3015
Projection screen;	$\varnothing 300\text{mm}$ , working scope $> \varnothing 300$
effective diameter(mm)	(internally marked with asterisk-shaped line)
Projection screen's rotation angle	$0\sim 360^\circ$
Resolution of rotating angle	$0.01^\circ$ or $1'$
Accuracy of the rotary angle	$6'$
Object len's magnification	10X(standard) 20X (optional) 50X(optional) 100X(optional)
View-field of object(mm)	$\varnothing 30 \varnothing 15 \varnothing 6 \varnothing 3$
Working distance for object(mm)	78.33 44.93 27.63 23.60
Metal stage size	306x206mm
Glass stage size	196x125mm
Travel—X,Y axis	150x100mm (big workstage)
Z axis travel	85mm
Resolution of X,Y	0.001mm (digital display)
Accuracy of the rotary angle	$(3+L/75)\mu\text{m}$
Data processor	DS-3000 or DS801
Ascent and descent mechanism	$45^\circ$ oblique tooth gear
Profile light source	24V/150W tungsten halogen lamp (German Philips)
Over dimensions	570x770x1180mm
Weight	150Kg
Power supply	110V/220V( switch ) ; 50/60Hz( switch )
Optional accessories	attached RS232 interface, optional 2D measuring software, ensuring convenient operation

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