



Rotary Positioning Tables

Designed to fulfill high precise measuring tasks. The rotary unit is antifriction beared, free of play. Distinguished stiffness. Encoder with high resolution grant for high positioning accuracy.



RT-350

With piezo drives. Best suited as rotational axis of CT-measurement systems, because the low magentic field intensities of used materials.

Options:

- > pneumatic clamping of rotation
- > splash guard

RT-500

With torque drive. The advantageous construction enables the RT-500 for the application as rotational axis in multi-axis-systems.

Options:

- > pneumatic clamping of rotation
- > splash guard
- > worm gear drive with servo drive

RT-1500

With servo drive. Air bearing in axial direction. Base plate and rotary table are of natural hardstone, granite. Due to automatic regulation, the air gap will be held constant at various weight loadings.

Options:

- > pneumatic clamping of rotation
- > splash guard
- > angle encoder
- > manual adjustment

TECHNICAL TABLE		RT-350	RT-500	RT-1500
diameter turn table	mm	350	500	1500
total height	mm	165	190	470
weight	kg	85	200	2800
standing face	mm	350 x 350	500 x 500	1520 x 1520
max. upload	kg	200	500	2000
flatness	µm	0,5	1,0	2,0
parallelism to standing face	µm	1,0	2,0	5,0
axial eccentricity	µm	0,5	1,0	3,0
positioning accuracy	"	0,5	0,5	Option
repeatability	"	0,1	0,1	Option
torque		dep. on number of drives	on request	on request
turns	min -1	10	100	5

