

Swiss Rotary Table For Metrology and positioning tasks

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– Estonia
– Finland
– France
– Germany
– Hungary
– Iceland
– Ireland
– Italy
– Kosovo

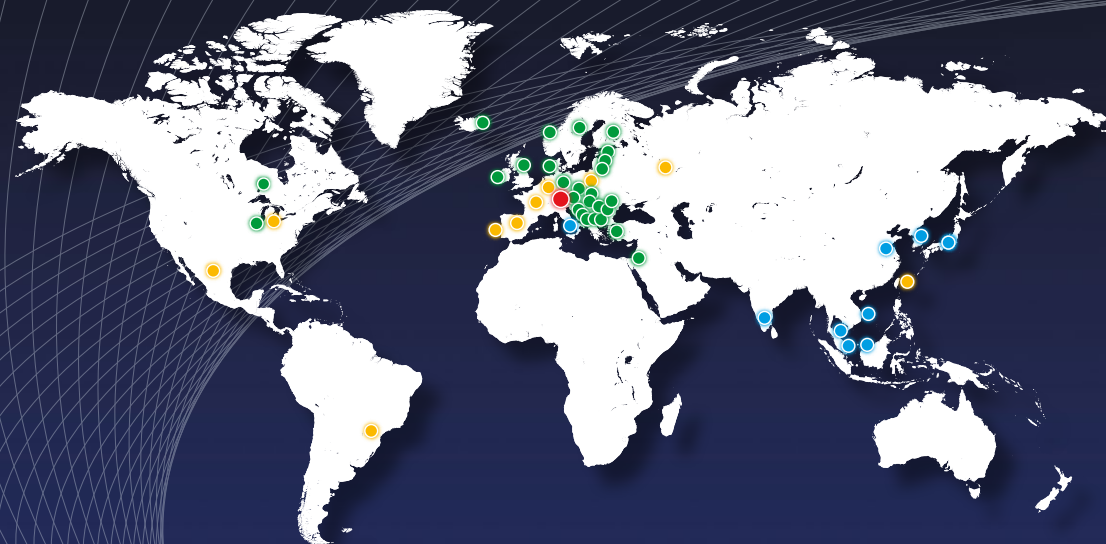
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Q

Line

Metrology
Solutions

2025

EA-Q08

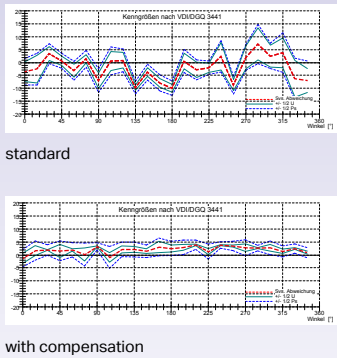
04.2025 | EN

The «DLL» Rotary table for easy & precise positioning

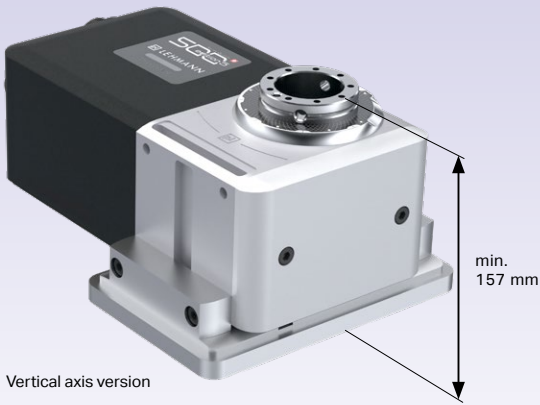
- Fully controlled by your existing metrology software
- Time savings through measurement in one clamping
- Machine space can be used to the max. by rotating the workpiece
- Perfect for existing and new systems, automation ready
- ➔ Process optimization to produce good parts

pL LEHMANN-Rotary Table EA-Q08.L

- Proven components from the production
- Optional: positioning compensation
- Multi-function holder for a variety of workpiece clamping systems
- Multi-axis configurable up to 6 axis
- For CMM and other devices



Ready for existing and new measuring instruments



The pL LEHMANN «DLL» Rotary Table



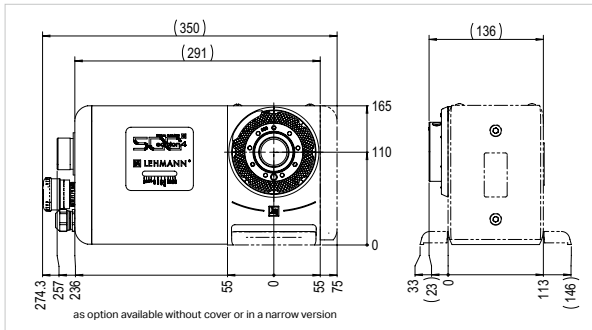
Field of Application

- Coordinate measuring systems
- Surface/contour measuring systems
- Any other positioning tasks
- Ready to use with your machine PC

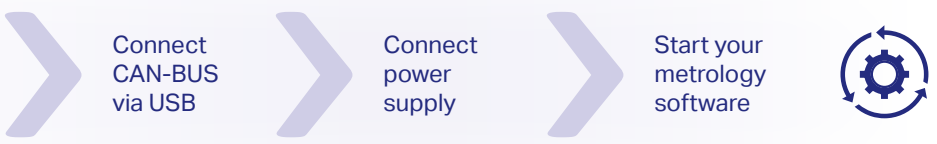


pL LEHMANN Standard package

- Rotary table with stepper motor
- 3 jaw chuck manually
- Quick-API
 - Home
 - Move
 - «Live position» Display



Ready to use within seconds

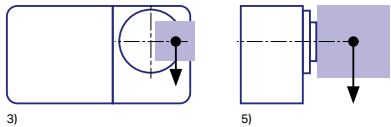


Controlled by Quick-API commands



				EA-Q08
Dimensions	Swivel ø	mm		160
	Center height	mm		110
	Total weight	kg	with motor	25 (12 light version)
	Center bore	mm	throughout	31
Bearing / Clamping	Max. spindle load ³⁾	kg	with tailstock ⁴⁾	120 (40 light version)
		kg	without tailstock	60 (20 light version)
	Max. tilting moment ⁵⁾	Nm		8 (5 light version)
	Max. tilting moment	Nm		1200 (400 light version)
Gear unit	Positioning accuracy	± arc sec		20 (compensated 5)
	Repeat accuracy Ps average	± arc sec		2
	Max speed	rpm	with standard load ¹⁾	16
Precision	Radial run-out ²⁾	µm	on spindle ø	6 (opt: 3...2)
	Axial run-out ²⁾	µm	at spindle end face	6 (opt: 3...2)
	Parallelism ²⁾	µm/100mm	Dividing axis to base	5 (opt: 2)

¹⁾ Mutually dependent; drive data for stepper motor NANOTEC ST6018L3008-B
²⁾ For measurement method and validity of values, see main catalogue metrology
³⁾ Self lock 9Nm (limited excentric load)
⁴⁾ Tailstock on request (without QuickMover only)
⁵⁾ If the tilting moment is greater than 8 Nm (light: 5 Nm) due to the spindle load, the rotary table must be screwed tight. Guideline: max. workpiece 100x100x100 made of steel on BFU.507-125ps light. Other workpieces or weights – on request



Easy to operate, stand-alone or automated
Ready to produce good parts