

CRYSTA-Apex EX1200R Series

REVO-2, 5-axis scanning operation

5-axis operation reduces the time required for probe repositioning movements and allows more flexible positioning. This also facilitates access to complex workpieces and saves time during both programming and measurement.

The CRYSTA-Apex EX1200R series are equipped with the REVO-2 probe head which allows ultra high-speed 5-axis scanning (max. 500 mm/s), far surpassing conventional -axis control.

Support for high-speed sampling of up to 4 points per second allows acquisition of densely spaced measurement points, even during fast scanning.

- Internal implementation of laser sensing technology ensures high-accuracy measurement, even with long styli (up to 500 mm*1).

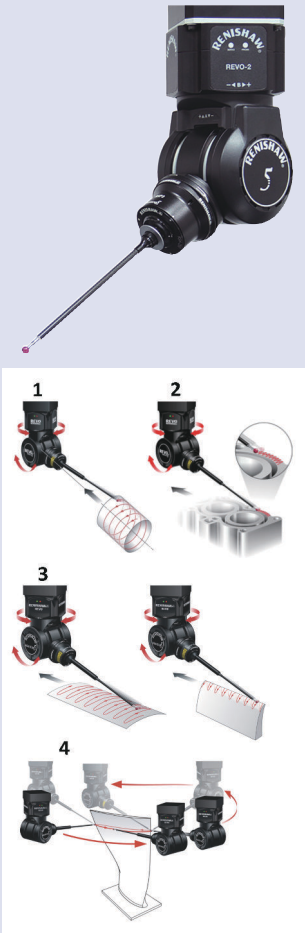
*1 Distance from probe rotation center to stylus tip



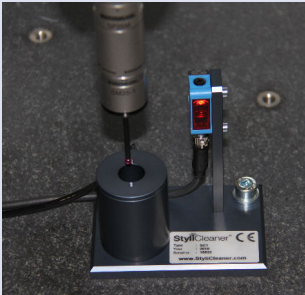
No.	Model	Range [mm]	Comments
191-481V	CRYSTA-Apex EX121210R	1200 x 1200 x 1000	Standard stand
191-482V	CRYSTA-Apex EX 121210R	1200 x 1200 x 1000	Anti vibration stand
191-485V	CRYSTA-Apex EX 122010R	1200 x 2000 x 1000	Standard stand
191-486V	CRYSTA-Apex EX 122010R	1200 x 2000 x 1000	Anti vibration stand
191-489V	CRYSTA-Apex EX 123010R	1200 x 3000 x 1000	Standard stand
191-491V	CRYSTA-Apex EX 123010R	1200 x 3000 x 1000	Anti vibration stand

Specifications

Accuracy	E0, MPE from: (2,9+4L/1000) μm
Max. drive speed	300 mm/s (3-axis)
Digital step	0,1 μm



Refer to the CRYSTA-Apex V brochure



StyliCleaner always Reliable and Clean Stylus