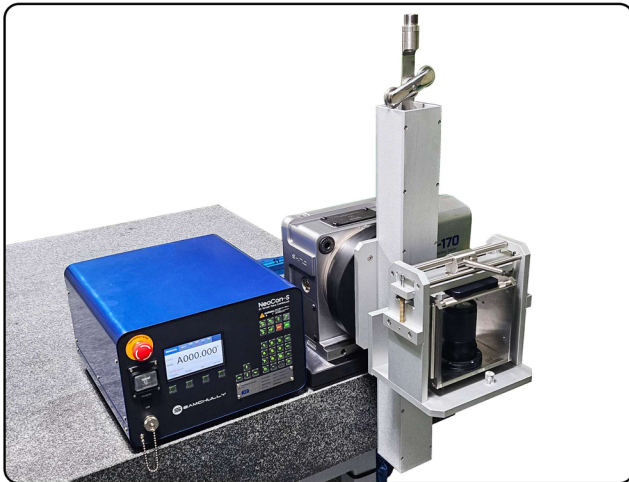


Automatic rotary angle calibrator set



Description

The model AC-54S Automatic rotary angle calibrator set is a dedicated, accredited calibration-grade angle calibration device designed for calibrating our models 5481, 5481H, 5481T Digital inclinometer systems and 5411 Portable digital tiltmeter. It must be installed on a precision surface plate with a properly secured flat reference plane.

In addition, digital inclinometers and portable tiltmeter from other manufactures can also be calibrated according to user-defined angle steps.

After securing the probe or portable digital tiltmeter onto the holding jig of the automatic rotary table, it rotates automatically to preset positions based on the angle steps configured in the controller. Operation can be performed via a control foot switch or block button.

The PC software program, "Inclinometer Calibrator" is exclusively used for calibrating our device. It enables digital correction of the device by applying the measured response values about control angle to the corresponding calibration angles.

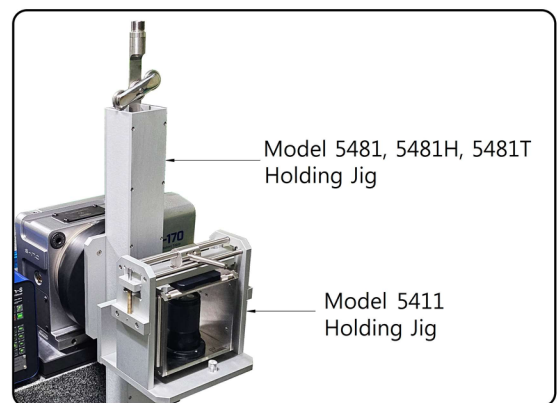
The automatic rotary angle calibrator set is equipped with a servo motor, allowing programmable control. It consists of an automatic rotary table and a controller as a complete set. With a resolution and control capability of 0.001°, it provides highly precise angle calibration. Users can program the required calibration steps directly into the controller for customized operation.

Features

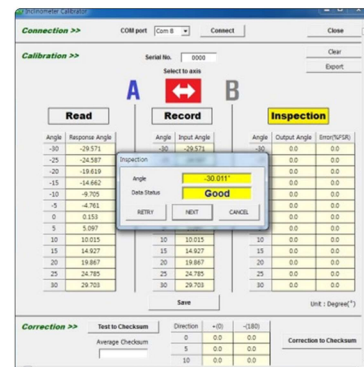
- Accredited calibration-grade angle calibration device
- High precision and high reliability
- Capable of calibrating other brands' products

Specification

Model		AC - 54S
Calibration range		360°
Resolution		0.001°
Min. control angle		0.001°
Rotary table	Control method	Servo motor control
	Max. speed	41.6 m/min
	Holding jig	For 5481 and 5411
	Dimensions	400 × 650 × 510mm
	Weight	85 kg
Controller	Program channel	100 Ch
	Block/channel	1000 Block
	Block control	Foot switch or block button
	Dimensions	325 × 340 × 215mm
Weight	8 kg	
Rotary table manufacturer		Samchully machinery (Korea)
Components		① Automatic rotary angle calibrator ② Foot switch for control ③ Model 5481 probe holding jig ④ Model 5411 holding jig ⑤ RS-485 converter ⑥ 5481 probe connecting cable ⑦ 5411 connecting cable ⑧ PC program "Inclinometer Calibrator"



[Holding jig]



[PC Program]