Specifications for: OSOP Calibration Table V1

Unit

Use the OSOP, S.A. calibration table to verify the gain of the entire instrument chain (sensor + digitizer). Ships with `osopcal`, a miniSEED and RESP-compatible program used to return the overall gain ("Sensitivity") of the system.

Prior to shipping, each calibration table's performance is verified using a Nanometrics Trillium Compact and Earthdata 209 digitizer.

Parameter	Value
Version	OSOP Calibration Table V1 Based on original designs by Erhard Wielandt and modified by OSOP
Dimensions (estimated)	Tabletop: 248 x 248 mm Height: 171 mm Bridge: 248 mm wide x 503 mm long
Weight (estimated)	Table: ~6.9 kilograms Bridge: ~4.2 kilograms
Material	Aluminum

Machining	CNC
Vertical Displacement	# steps at different displacements: 9 Range: ~0.0025 - 0.550 mm (25 to 550 μm)
Electronic Indicator	*Micrometer precision* Make: Shars Tool Company Model (SKU): 303-34499 Range: 0.500/12.7 mm Resolution: 0.001 mm Accuracy: 0.0008 LCD screen Buttons: inch/millimeter, zero-set, on/off
Power Supply	Not required. People Powered. Fully manual operation.
Payload	Designed for use with all sensors (seismometers + accelerometers, surface or downhole) and digitizers including but not limited to: ● Earthdata ● Geodevice ● Geosig ● Geospace ● Geotech

	- Guralp
- Kinemetrics
- Lennartz
- Metrozet
- Nanometrics
- OSOP
- Oyo
- Quanterra (Q330, …)
- Reftek
- Sara
- Sercel
- Streckeisen (STS-2/2.5, …)
- Trimble
- ...

Questions?

Email us at info@osop.com.pa