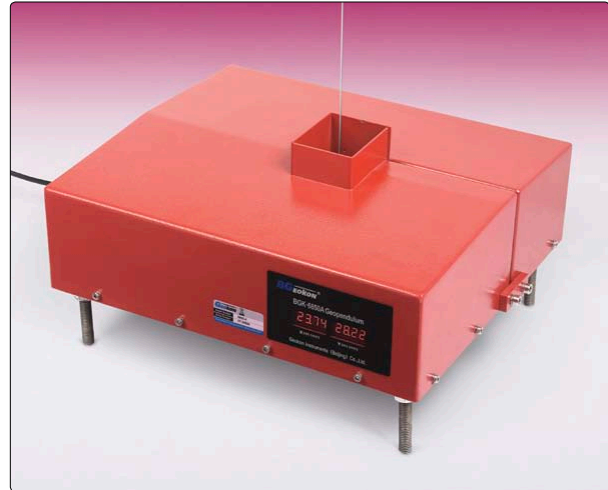


Model BGK-6850A Pendulum System

The Model BGK-6850A Pendulum System is designed to make accurate measurements of the relative movements of normal and inverted pendulums, such as those found in dams, and can be installed as a new system or as an electronic upgrade for an existing system. The electronics package provides both 4-20 mA and EIA RS-485 data outputs. The data can be stored locally or remotely in a Geokon Micro-1000 Datalogger, or other dataloggers, and thence by hard-wire or modem to a computer (IBM PC).

Two 2-D models are available: 50 × 50 mm and 50 × 100 mm; and one 3-D model: 50 × 100 × 50 mm.



Specifications	2 Dimensional	2 Dimensional	3 Dimensional
Standard Ranges	(X axis) 0 to 50 mm (Y axis) 0 to 50 mm	(X axis) 0 to 50 mm (Y axis) 0 to 100 mm	(X axis) 0 to 50 mm (Y axis) 0 to 100 mm (Z axis) 0 to 50 mm
Resolution	0.01 mm	0.01 mm	0.01 mm
Accuracy	better than 0.1 mm	better than 0.1 mm	better than 0.1 mm
Communication Method	4-20 mA, EIA RS-485	4-20 mA, EIA RS-485	4-20 mA, EIA RS-485
Display	4-digit LED	4-digit LED	4-digit LED
Data Storage	2000 data sets	2000 data sets	1200 data sets
Power Supply	85-265 VAC, 50-60 Hz	85-265 VAC, 50-60 Hz	85-265 VAC, 50-60 Hz
Operating Temperature	-15°C to +60°C	-15°C to +60°C	-15°C to +60°C
Operating Humidity	100% relative humidity	100% relative humidity	100% relative humidity
L × W × H	380 × 330 × 145 mm	425 × 375 × 190 mm	425 × 375 × 190 mm