SGE Precision Level

The SGE Precision Level is a hand held portable leveling instrument which incorporates Spectron’s precision tilt sensor in an easy to use nulling device. Ideal for Lab use, it has a linear tilt range of 0.25 degrees and has five different display modes.

Applications

University and Commercial Labs, Machine shops, Construction sites

General Specifications

Input Voltage: 8-32V DC
Input Current: 130mA
Output: LCD Readout : 7.5 digits, depending on selected output

Display Outputs: ArcSec
Degrees
Radians
mm/m
% Slope

Accuracy:
@ Null = 5 ArcSec (0.00138°)
0.0 -0.15° = 10 ArcSec (0.00277°)
0.16-0.25° = 20 ArcSec (0.00555°)

Repeatability: 5 ArcSec (0.00138°)

Resolution: 0.2 ArcSec (.000055°)

Total Range: 0.4 Degrees (1360 ArcSec)
Linear Range: 0.25 Degrees (900 ArcSec)
Power Up Time: 30 Sec
Response Time: 4 Sec

Settling Time: Tilt within full range: 15 sec = +/-2 ArcSec of null
Tilt beyond full range: 2 min = +/-20 ArcSec of null
5 min = +/-2 ArcSec of null

Cable length between unit and sensor: 8 Ft
Power Connector: 2.5mm Barrel Connector (supplied)

Sensor Housing

Part#: SSY0261

Specifications are subject to change without notice!