

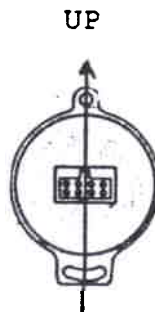
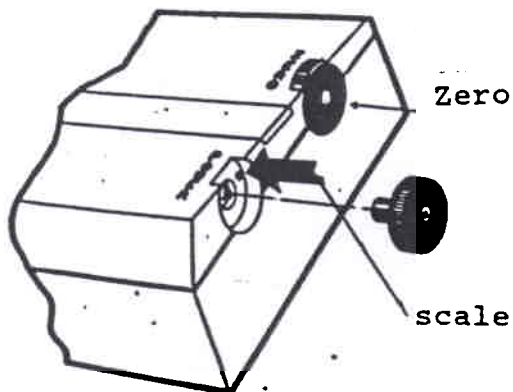
FIELD CALIBRATION

APS Part Number 02506-01 or 02160001-000

- Step One :** Mount Clinometer with mounting holes in a vertical position. If necessary, use the slot at the bottom of the clinometer to level the unit.
- Step Two :** Attach the cable to the clinometer and readout. Turn the readout on.
- Step Three :** Zero the readout by using a small slotted screw driver, inserting it through the hole in the 'Zero' thumbwheel.
- Step Four :** Remove the 'Power' thumbwheel to uncover the scale adjustment. Rotate the clinometer to +/- 30 degrees. Adjust the scale to read the same.
- Step Five :** Check the system with the following table.

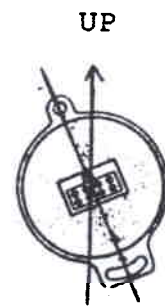
Angle	Minimum	Nominal	Maximum
+ 45	+ 44.5	+ 45.0	+ 45.5
+ 30	+ 29.7	+ 30.0	+ 30.3
+ 20	+ 19.8	+ 20.0	+ 20.2
+ 10	+ 9.9	+ 10.0	+ 10.1
+ 5	+ 4.9	+ 5.0	+ 5.1
0	- 0.1	0.0	+ 0.1
- 5	- 5.1	- 5.0	- 4.9
- 10	- 10.1	- 10.0	- 9.9
- 20	- 20.2	- 20.0	- 19.8
- 30	- 30.3	- 30.0	- 29.7
- 45	- 45.5	- 45.0	- 44.5

- Step Six :** Reinstall 'Power' thumbwheel.



Angle = 0 deg

Readout = 0 deg



Angle = -20 deg

Readout = -20 deg

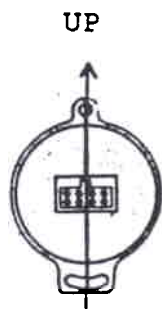
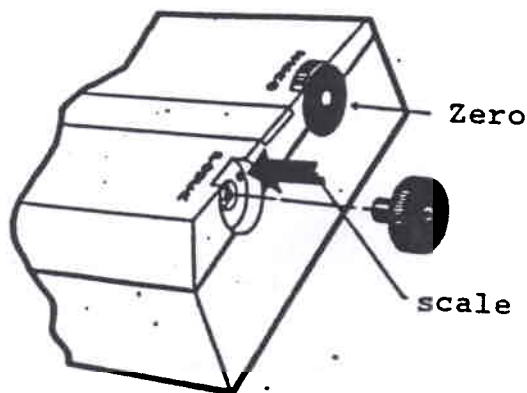
FIELD CALIBRATION

A P S Part Number 02543-01 OR 02160003-000

- Step One : Mount Clinometer with mounting holes in a vertical position. If necessary, use the slot at the bottom of the clinometer to level the unit.
- Step Two : Attach the cable to the clinometer and readout. Turn the readout on.
- Step Three : Zero the readout by using a small slotted screw driver, inserting it through the hole in the 'Zero' thumbwheel (OR THRU CALIBRATION STICKER)
- Step Four : Remove the 'Power' thumbwheel to uncover the scale adjustment. Rotate the clinometer to +/- 15 degrees. Adjust the scale to read the same.
- Step Five : Check the system with the following table.

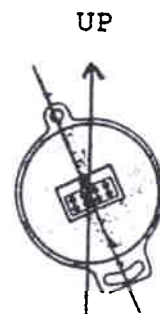
Angle	Minimum	Nominal	Maximum
+ 19	+ 18.81	+ 19.00	+ 19.19
+ 10	+ 9.90	+ 10.00	+ 10.10
+ 5	+ 4.90	+ 5.00	+ 5.10
+ 2	+ 1.96	+ 2.00	+ 2.04
+ 1	+ 0.98	+ 1.00	+ 1.02
0	- 0.02	0.00	+ 0.02
- 1	- 1.02	- 1.00	- 0.98
- 2	- 2.04	- 2.00	- 1.96
- 5	- 5.10	- 5.00	- 4.90
- 10	- 10.10	- 10.00	- 9.90
- 19	- 19.19	- 19.00	- 18.81

- Step Six : Reinstall 'Power' thumbwheel.



Angle = 0 deg

Readout = 0 deg



Angle = -20 deg

Readout = -20 deg

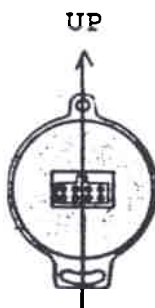
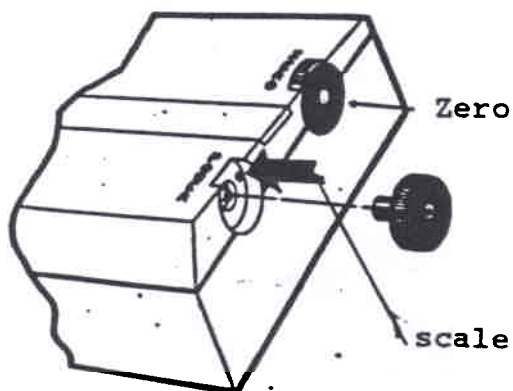
FIELD CALIBRATION

A P S Part Number 02538-01 + 02160005-000

- Step One : Mount Clinometer with mounting holes in a vertical position. If necessary, use the slot at the bottom of the clinometer to level the unit.
- Step Two : Attach the cable to the clinometer and readout. Turn the readout on.
- Step Three : Turn the clinometer counterclockwise 45 degrees. Zero the readout by using a small slotted screw driver, inserting it through the hole in the 'Zero' thumbwheel (OR THROUGH CALIBRATION STICKER)
- Step Four : Remove the 'Power' thumbwheel to uncover the scale adjustment. Rotate the clinometer clockwise 45 degrees, back to the original position. Adjust the scale to read 45 degrees.
- Step Five : Check the system with the following table.

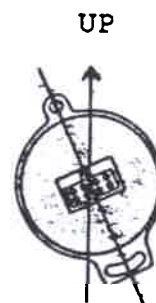
Angle	Minimum	Nominal	Maximum
+ 45	+ 88.2	+ 90.0	+ 91.8
+ 30	+ 73.5	+ 75.0	+ 76.5
+ 20	+ 63.7	+ 65.0	+ 66.3
+ 10	+ 53.9	+ 55.0	+ 56.1
0	+ 44.1	+ 45.0	+ 45.9
- 10	+ 34.3	+ 35.0	+ 35.7
- 20	+ 24.5	+ 25.0	+ 25.5
- 30	+ 14.7	+ 15.0	+ 15.3
- 45	- 0.1	0.0	+ 0.1

- Step Six : Reinstall 'Power' thumbwheel.



Angle = 0 deg

Readout = 45 deg



Angle = -20 deg

Readout = 25 deg

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CONTATO

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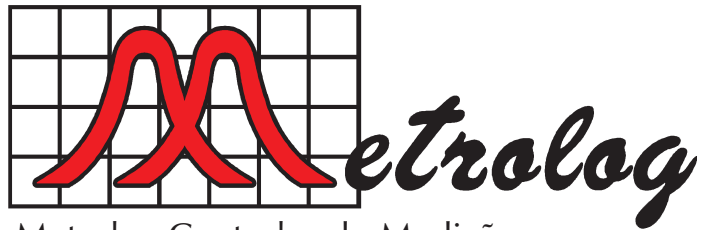
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