

**SOUTH**

# ML SERIES LASER INSTRUMENT



[www.southinstrument.com](http://www.southinstrument.com)  
[www.southsurvey.com](http://www.southsurvey.com)



### ML-300

Self-Leveling Crossline Laser (1V 1H)

Includes: main body, tripod, glasses, mark board, carrying case

- Beam: 1 horizontal line and 1 vertical line forming a cross
- Leveling Accuracy:  $\pm 2\text{mm}/5\text{m}$
- Working Range: radius 10m
- Power:  $3 \times 1.5\text{v}$  batteries
- Laser flashing when self-leveling over range
- Main body, tripod can be collected into instrument carrying box, easy to carry



### ML-312D

Self-Leveling Crossline Laser (2V 1H 1T)

Includes: main body, glasses, mark board, carrying case

- Beam: 1 horizontal line and 2 vertical line, forming cross at wall and ceiling, Plumb up and down, with tangent screw,  $90^\circ$  angle
- Leveling Accuracy:  $\pm 1\text{mm}/5\text{m}$
- Working Range: indoor, radius 10m; 30m(with detector)
- Leveling Range:  $\pm 2.5^\circ$
- Power:  $3 \times 1.5\text{V}$  batteries
- Laser flashing when self-leveling over range

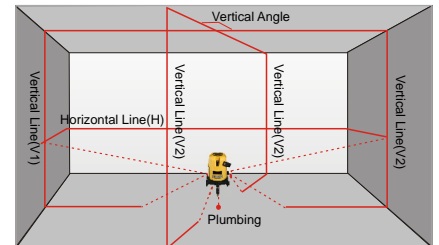


### ML-314

Self-Leveling Crossline Laser (4V 1H 1T)

Includes: main body, glasses, mark board, carrying case

- Beam: 1 horizontal line and 4 vertical line, forming cross at wall and ceiling, plumb up and down, with tangent screw,  $90^\circ$  angle
- Leveling Accuracy:  $\pm 1\text{mm}/5\text{m}$
- Working Range: indoor, radius 10m; 30m(with detector)
- Leveling Range:  $\pm 2.5^\circ$
- Power:  $3 \times 1.5\text{V}$  batteries
- Laser flashing when self-leveling over range



### ML-101

Self-Leveling Rotary Laser

Includes: main body, detector, detector holder, charger, carrying case

- FEATURES
- Self-calibration function for the precision
  - Waterproof and dustproof: IP66
  - Optional detector and remote controller

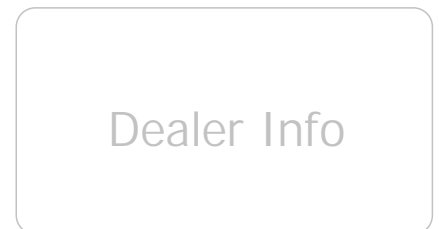
- SPECIFICATIONS
- Wavelength: 635nm
  - Laser level: Class II / III
  - Accuracy:  $\pm 1\text{mm}/10\text{m}$
  - Leveling Range:  $\pm 5^\circ$
  - Working Range: radius 300m (with detector)
  - Scan Range: wide angle, low angle, point



### ML-401

Laser Plummet

- Standard deviation:  $1/45000$
- Plate Vial Accuracy:  $20''/2\text{mm}$
- Magnification:  $25\times$
- Laser Operation Range
  - Day:  $\geq 150\text{m}$  Night:  $\leq 500\text{m}$
- Deviation between collimation axis and vertical axis:  $\leq 2''$
- Deviation a between collimation axis and laser axis:  $\leq 5''$
- Wave length: 635nm, Class IIIA
- Power Supply: 3V
- Operation Temperature:  $-25^\circ\text{C} \sim +45^\circ\text{C}$



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