

2006 Laser Survey Notes

AGL

1. A similar model, AGATEC 220HV, has electronic self-leveling in horizontal, and semi-automatic leveling in vertical mode. Price for this model: \$995.
2. Includes ability to slope beam plane to match grade.
3. AGATEC 510, LT300 and A710 have a split beam that's left and right adjustable for 90° layout and vertical plumb. These lasers also have scan mode for interior use.
4. MR805 detector also functions as a remote control for most Agatec lasers.
5. 60, 150, 300, 450, 600, 700 rpm.
6. Site display/pipe package includes combination sensor (rod or machine-mount) and pipe target.

CST/BERGER

1. 635 nm visible split-beam w/ plumb down.
2. Visible dual-beam 635 nm laser diode.
3. Variable: 150, 300, 600, 1000 rpm.
4. Auto after 6 minutes of inactivity.
5. Visible split-beam 635 nm laser diode.

DEWALT

1. 9.6 / 12 / 14.4 / 18v DeWalt battery pack.
2. With 18v battery pack.
3. 30-day money back guarantee, 1 year free service (includes 2 free calibrations), 3 year limited warranty.

LASER REFERENCE INC.

1. Single grade compound with optional adapter.
2. 4 C Alkaline or NiMH rechargeable.
3. 60 hours continuous use.

LEICA GEOSYSTEMS

1. Additional speeds provide better performance for machine control applications.
2. The Rugby 100 and 100LR also have a separate manual switch that allows

for sloped planes for driveways, parking lots, etc.

3. The LR version has automatic cross slope compensation when in manual.
4. Automatic HI (elevation) alert warns if unit's elevation has been disturbed.
5. Knockdown warranty offers complete coverage of the internal self-leveling system no matter what happens.
6. Rugby 300/400 have many features/functions beyond the standard features shown that are driven from simple to follow menus.
7. Unique dual battery system allows use of either alkaline or rechargeable, mix/match for up to 130 hours of continuous use.
8. Plus initial audio indicator.
9. 30 min, 24 hours, continuous.

MIKROFYN POSITIONING PRODUCTS

1. All Mikrofyn lasers use the Makita tool type 7.2 V NiCad rechargeable battery stick. 1-hour fast charger. Choice of 130 v AC or 12 v DC.
2. External power - 12 v external power optional on most models.
3. The HS 14 detector is a 2-way radio remote & handheld detector combination. The HS 14 controls all transmitter functions remotely and displays all transmitter settings on the HS 14.
4. 30/60/180/360/600 RPM + Scan.
5. Internal battery + external 12 V DC.

SOKKIA

1. EL400HV includes a vertical plumb beam.
2. MP400 is a multi-purpose interior laser, with variable rotation speed, vertical plumb beam, scanning and chalkline modes. Detector also functions as a remote control.

SPECTRA PRECISION LASER (DIVISION OF TRIMBLE)

1. Simultaneous 90° split.
2. Temperature compensated.
3. Class 3A/3R 4.99 mW highly visible.

4. Fine, Super Fine, 1/16, 1/8, 1/4 inch.
5. ±10% x-axis, -0.5% to 25.0% y-axis.
6. ±5% x-axis, -0.5% to 110.0% y-axis.

TOPCON

1. When used with the Topcon RL-H3A, FT-55a and RT-55b models, the sensor notifies the user if the laser transmitter has been disturbed (HI alert) and when the laser power source begins to run low.
2. Price includes Quick Release rod clamp, deduct \$20 for screw type rod clamp.
3. Includes ability to slope beam plane to match grade.
4. Two position.
5. 11 channels include on-grade, five each above and below grade and off sensor high and low.
6. RT-55a/w does not require any accessories or tilting of unity for any grade setting.
7. All functions can be controlled with wireless remote control with 2-way communication up to 25 ft away from unit, 1-way communication up to 300 ft.
8. Smartline automatically aligns the grade access using Topcon's patented scanning technology to locate a target placed on the ground up to 300 ft away from the unit.
9. DLX is a patented hybrid self-leveling system that combines high-speed electronics with liquid compensation stability. No leveling screws are required.
10. Temperature sensors and monitoring software continually check instrument and perform compensation adjustments based on specific performance criteria.

WESTERN LATITUDES

1. Can slope beam to match grade.
2. Has scanning mode, plumb up beam, vertical plane with auto leveling & hor.

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