



Laser Levels

Grade Lasers

Horizontal and Vertical Lasers

| | LL100 | LL300 | LL400 | LL500 | GL412/512 | GL422/522 | HV101 | HV301/301G | HV401 |
|-----------------------------|---|--|--|---|--|--|---|--|--|
| Laser Type / Classification | 650 nanometer visible Class 2 | 635 - 670 nanometer visible Class 3A/3R | 650 nanometer visible Class 2 | 670 nanometer Class 2 | 650 nanometer Class 2 | 650 nanometer Class 3A/3R | 650 nanometer Class 3A/3R | 635/532 nanometer Class 3A/3R | 635 nanometer Class 3A/3R |
| Self-Leveling Range | ±5 degrees electronic servo self leveling | ±5 degrees electronic servo self leveling | ±5 degrees electronic servo self leveling | ±11 minutes wire hung compensator | ±5 degrees electronic servo self leveling | ±5 degrees electronic servo self leveling | ±5 degrees electronic servo self leveling | ±5 degrees electronic servo self leveling | ±5 degrees electronic servo self leveling |
| Out-of-Level Indicator | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Power Source | Two D-cell alkaline batteries | Four D-cell alkaline batteries (recharge optional) | Four D-cell alkaline batteries (NiMH optional) | Four D-cell alkaline batteries (recharge optional) | Four D-cell alkaline batteries (recharge optional) | Four D-cell alkaline batteries (NiMH optional) | Two D-cell alkaline batteries | Four D-cell rechargeable batteries (alkaline backup) | Four D-cell NiMH batteries (alkaline backup) |
| Battery Life | Alkaline: 80 hours | Alkaline: 90 hours NiMH: 45 hrs | Alkaline: 90 hours NiMH: 55 hours | Alkaline: 175 hours NiMH: 100 hours NiCad: 75 hours | Alkaline: 90 hours NiMH: 28/55 hours | Alkaline: 90 hours NiMH: 28/55 hours | Alkaline: 50 hours | Alkaline: 90/45 hours Rechargeable: 40/18 hours | Alkaline: 90 hours NiMH: 55 hours |
| Grade Capability | Manual Single Axis | Manual Single Axis | Manual Single Axis | N/A | Electronic -10% to +15% Single Axis | Electronic -10% to +15% Dual Axis | Manual Single Axis | Manual Single Axis | Manual Single Axis |
| Warranty | Three years | Two years | Two years | Two years | Two years | Two years | Three years | Two years | Two years |

Laser Pointers, Line Generator, and Handheld Distance Measuring Devices

| | LP | LG2 | LG20 | HD50 | HD100 |
|------------------------|---|--|--|-------------|--------------|
| Leveling Method | Self leveling | N/A | Self leveling | N/A | N/A |
| Out-of-Level Indicator | Yes | N/A | Yes | N/A | N/A |
| Working Range | 100 feet visual | 50 feet nominal; up to 100 feet depending on light conditions | 100 feet visual; 250 feet with the HR250 receiver | 165 feet | 330 feet |
| Accuracy | 1/4 inch at 70 feet for up beam; 1/4 inch at 100 feet for level and square beams; 1/16 inch at 2-1/2 feet for down beam | 1/4 inch at 50 feet | 1/4 inch at 70 feet level and vertical beams | 1/16 inch | 1/16 inch |
| Warranty | Three years (one year parts and labor and two years of the Service Protection Plan) | | | | Three years |