



Builder Specifications	Builder 100	Builder 200	Builder 300	Builder 400	Builder 500
Full Power Site Software					✓
Accuracy up to 1.5 mm @ 100 m distance					✓
Wireless Communication					✓
-30°C ready					✓
Full RedDot range					✓
Prism Measurement Mode				✓	✓
Full internal memory				✓	✓
MEAS/REC Switch Key				✓	✓
Cell-phone style use				✓	✓
Extended RedDot range			✓	-	✓
Industrial USB Memory Stick			✓	✓	✓
USB Type A and mini B			✓	✓	✓
Volumes Calculation			✓	✓	✓
Data Im/Export to USB Stick			✓	✓	✓
Call up plan data & record points			✓	✓	✓
Direct DXF download			✓	✓	✓
1-person Station		✓	✓	✓	✓
Serial Interface		✓	✓	✓	✓
Tracking Mode		✓	✓	✓	✓
Laser Pointer Switch Key		✓	✓	✓	✓
PC/Handheld Interface		✓	✓	✓	✓
Laser Distance Measure		✓	✓	✓	✓
Control Line Setup		✓	✓	✓	✓
Free Choice Setup		✓	✓	✓	✓
Theft Protection	✓	✓	✓	✓	✓
Pit Stop Alert	✓	✓	✓	✓	✓
3 Languages	✓	✓	✓	✓	✓
Leveling Aid	✓	✓	✓	✓	✓
Sector Beep	✓	✓	✓	✓	✓
Dual Axis Compensator	✓	✓	✓	✓	✓
End-less Drives	✓	✓	✓	✓	✓
Laser Plummet	✓	✓	✓	✓	✓
Display Heating and Illumination	✓	✓	✓	✓	✓
Li-Ion Batteries	✓	✓	✓	✓	✓
Set Delivery	✓	✓	✓	✓	✓
Data Storage/Communication					
Internal Memory [points]	-	-	15'000	50'000	50'000
Angle Measurement					
Accuracy/Option	9"/6"	9"/6"	9"/6"	9"/5"	9"/5"/3"
Distance Measurement					
Laser Pointer	-	✓	✓	-	✓
without reflector (90% reflective)	-	80 m/260 ft	120 m/395 ft	15 m/50 ft	250 m/820 ft
to reflective tape (60 mm x 90 mm)	-	250 m/820 ft	250 m/820 ft	15 m/50 ft	250 m/820 ft
to glass prism	-	-	-	500 m/1640 ft (3500 m/ 11500 ft)	500 m/1640 ft (3500 m/ 11500 ft)
Laser Dot Size	-	at 30 m; approx. 7 x 10 mm, at 50 m; approx. 8 x 20 mm / at 100 ft: approx. 1/4 x 3/8 inch, at 165 ft: approx 5/16 x 3/4 inch			
General					
Weight incl. Battery and Tribrach	4,4 kg/9.7 lbs	5,1 kg/11.2 lbs			
Operating Temperature	-20°C to +50°C / -4°F to +122°F				
Battery Type/Life	Li-Ion/approx. 20 hours ¹				
Environmental	IP55				
Keyboard	Standard			Full Alphanumeric	
Switch Key	single function			dual function	

¹ Single Measurement every 30 second at 25°C / 77°F with GEB221. Battery time may be shorter if battery is not new