

Laser Rangefinder Comparison

	Laser Tech TruPulse 200 /B	Laser Tech TruPulse 200L	Laser Tech TruPulse 200X	Laser Tech TruPulse 360 /B	Laser Tech TruPulse 360R	Geo 7X Integrated Laser Rangefinder
Range to non-reflective target:	1000 m (3,280 ft)	1750 m (5,740 ft)	1900 m (6,233 ft)	1000 m (3,280 ft)	1000 m (3,280 ft)	120 m
Range reflective target:	2000 m (6560 ft)	1750 m (5,740 ft)	2500 m (8,200 ft)	2000 m (6560 ft)	2000 m (6560 ft)	200 m
Distance Accuracy¹:	+/-30 cm (1ft) ¹	+/-1 m (3 ft) ¹	+/-4 cm (1.5 in) ¹	+/-30 cm (1ft) ¹	+/-30 cm (1ft) ¹	+/-5 cm (~2in)
Inclination Range:	-90° to 90°	-90° to 90°	-90° to 90°	-90° to 90°	-90° to 90°	-90° to 90°
Inclination Accuracy:	0.25°	0.5°	0.1°	0.25°	0.25°	0.5°
Compass Accuracy²:	N/A	N/A	N/A	1°	1°	1.5°
Weight:	285 g (10 oz)	200 g (8oz)	382 g (13.5 oz)	220 g (8 oz)	385 g (13.6 oz)	1080 g ⁶
Size:	5"x2"x3.5"	4.5"x4"x2"	5.2"x2.1"x4.5"	5"x2"x3.5"	5.2"x2.1"x4.5"	9.2"x3.9"x2.2" ⁶
Battery:	2 AA or 1 CRV3	1 CRV3	1 CRV3	2 AA or 1 CRV3	CR 123A	Geo 7X Li-Ion battery
Environmental Rating:	IP 54	IP54	IP56	IP 54	IP 56	IP 65 ⁶
Waterproof:	No	No	Yes	No	Yes	Yes ⁵
Operating Temperature:	-4° to 140° F	-4° to 140° F	-4° to 140° F	-4° to 140° F	-4° to 140° F	-4° to 140° F ⁶
Eye Safe:	Yes (FDA Class 1)	Yes (FDA Class 1)	Yes (FDA Class 1)	Yes (FDA Class 1)	Yes (FDA Class 1)	Yes (FDA Class 2)
Optics:	7x magnification	4x magnification	7x magnification	7x magnification	7x magnification	3x magnification ³
Display:	In-scope LCD	In-scope LCD	In-scope LED	In-scope LCD	In-scope LCD	LED screen of Geo 7X
Communication:	RS232 Serial Port/Bluetooth ³	N/A	Bluetooth (iOS only) ³	RS232 Serial Port ⁴ /Bluetooth	RS232 Serial Port ³ /Bluetooth	Integrated with Geo 7X only
Height Measurements:	Yes	Yes	Yes	Yes	Yes	Yes
Missing Line Measurements:	Yes	Yes	Yes	Yes	Yes	Yes
Price:	\$749-\$849 ⁵	\$449	\$1,795	\$1595-\$1695 ⁵	\$1,795	\$7,995-\$14,495 ⁶

¹ This is the accuracy to a typical target that is short range, light-colored, and large.

² The TruPulse 360 models can measure azimuth (compass heading) accurately no matter how the range finder is being held. The TruPulse 200 series does not have a compass and cannot measure azimuth.

³ This feature is only for version 1.2 or greater of the Trimble Rangefinder Utility.

⁴ Serial port available on all TruPulse 200, 200B, 360, 360B, and 360R.

Bluetooth® available only on 200B, 200X, 360B and 360R.

⁵ Price is \$100 more on models with built-in Bluetooth.

⁶ Includes Geo 7X handheld.