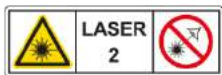


# Leica Rugby 670 and 680 grade lasers

## Technical Data Sheet



Technical Data	Leica Rugby 670	Leica Rugby 680
Functionality	Self-levelling horizontal, with dial-in, single axis, semi-auto slope	Self-levelling horizontal, with dial-in, dual axis, semi-auto slope
Semi-auto grade range	±8% SG	±8% DG
Range (diameter)	600 m with RE Basic 1100 m with RE 140/160	600 m with RE Basic 1100 m with RE 140/160
Self-levelling accuracy	± 1.5 mm @ 30 m	± 1.5 mm @ 30 m
Self-levelling range	± 5°	± 5°
H.I. elevation alert / Bump alert	YES	YES
Rotation speeds	10 rps	10 rps
Laser diode type / class	635 nm, Class 2	635 nm, Class 2
Battery life (alkaline / lithium-ion)	60 hours / 40 hours @ 20°C	60 hours / 40 hours @ 20°C
Battery type (alkaline / rechargeable)	Four D-cells / Li-Ion pack (A600)	Four D-cells / Li-Ion pack (A600)
Protection class (splash water/dust proof)	IP 67	IP 67
Operating temperature	-20°C to +50°C	-20°C to +50°C
Weight with batteries	2.6 kg	2.6 kg



Laser class 2 in accordance with IEC 60825-1

- when it has to be **right**

**Leica**  
Geosystems