

# Leica Piper Series Data sheet



Solid performance in the pipe, over the top or in the manhole. The Leica Piper series helps you to work with confidence having the perfect instrument for your application and need. Built with a rugged aluminium housing, these pipe lasers perform powerfully even in tough jobsite conditions.

In addition, the Piper Green series offers you four times better visibility of the laser providing you higher leveling accuracy. This allows you to work at longer distances from the instrument position even in sunny conditions. Often used in water and sewage the green series improves the usability also in those use cases.

#### LEICA PIPER:

- **Compact and powerful:**

The pipe laser that fits inside a 100 mm/4 in pipe.

- **Automatic grade compensation:**

With the housing rolled up to  $\pm 3^\circ$ , the Piper will compensate and correct for the grade errors.

- **Heavy duty trivet:**

With easy grip handle, heavy base and clear markings on the pole to adjust and set the height.

- **Multi-function remote:**

Works up to 150 m (500 ft) for line control and other features.

- **Green beam:**

Four times better visibility of the laser for longer measurement distance and higher levelling accuracy

# Leica Piper Series



	PIPER100				PIPER200	
	3R	2M	3R GREEN	2M GREEN	3R	3R GREEN
Laser beam color	Red		Green		Red	Green
Wave length	635nm		520nm		635nm	520nm
Laser class	3R	2M	3R	2M	3R	3R
Max. average radiant power	4.75mW	1.2mW	4.8mW	1.2mW	4.75mW	4.8mW
Working range	< 200m/650 ft					
Grade range	-10% to +25%					
Self-levelling range	-15% to +30%					
Line movement	6m at 30m / 20ft at 100ft					
Battery*	Li-Ion, up to 40h					
Charging time*	4h					
Operating temperature	-20°C to +50°C / -4°F to +122°F					
Dimensions (diameter x length)	96mm x 267mm / 3.9" x 10.5"					
Weight	2.0Kg / 4.4lbs					
Housing	Cast aluminium					
Protection class	IPx8					
Wireless remote distance	Front 150m / 500ft					
	Back 10m / 35ft					
Self levelling accuracy**	+/- 1.5mm at 30m / +/- 1/16" at 100ft					
Auto targeting	No				Yes	

\* Battery operating/charging times are dependent upon environmental conditions  
 \*\* Self levelling accuracy is defined at 25°C/77°F



#### Recommended Leica Piper package:

- Leica Piper 100 or Leica Piper 200
- Rugged carrying case
- Remote control
- Target assembly
- Li-Ion battery
- Charger with AC and auto adapter
- Self-centering feet (150mm/6in)



Laser radiation, avoid direct eye exposure.  
 Class 3R laser product in accordance with IEC 60825-1:2014.

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- when it has to be **right**

**Leica**  
 Geosystems