

Laser Alignment Tools

Product Description

Wurtec's laser alignment kit provides a contemporary solution to an age old problem, proper rail alignment. Our system allows you to position your rails properly in the hoistway and to align them straight and plumb without ever having to drop a line. The heart of the kit is a self-leveling PLS3 laser, accurate to within 1/4"(.635 cm) per 100'(30.480m). The laser can be mounted either directly to a rail or to the pit floor using our specially designed mounting bracket assembly (10-114-20). The plumbing of the rail is accomplished using our clamp-on rail gauge (10-114-19).

Kits 10-114 & 10-114-U

Include the following: (Wt. 11 lbs.)(4 kg)

- (1) PLS3 with case
- (1) Mounting Bracket Assembly for PLS3
- (1) Laser Concentrator Gauge
- (1) Clamp-On Rail Gauge
- (1) Carrying Case

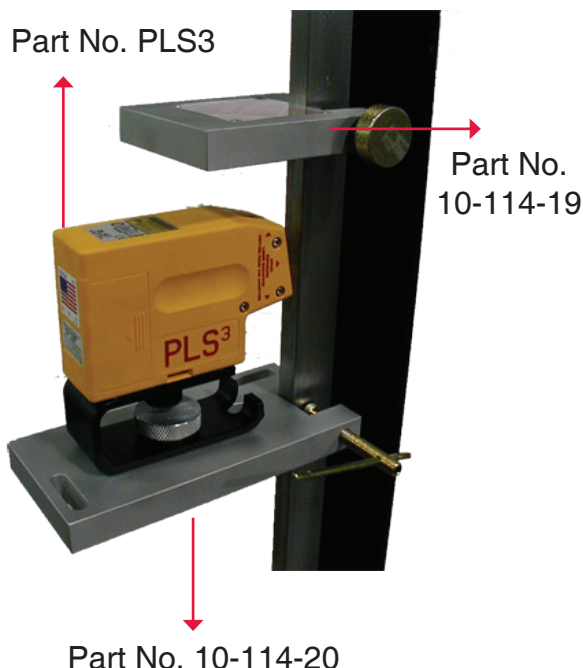
Please note that the Universal Laser Alignment #10-114-U aligns rails from the side of the face rather than the center of the face. It can also utilize a Hilti Laser.

Part No.	Description	Weight (lbs)
10-114	5/8" Rail	11 (4 kg)
10-114-U	Universal Rail Sizes to 1 1/4"	12 (5 kg)

3 Beam Laser Level

The PLS3 is a great self-leveling laser level. It projects a laser beam out of the front, top and bottom. It allows you to layout, survey and square the hoistway faster than ever before. Battery powered. Accurate within 1/4" at 100'.

Part No.	Description	Weight (lbs)
PLS3	Laser Level 3 Beam	5 (2kg)



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Part No. 10-114-20

Laser Mounting Bracket Assembly

The custom designed laser mounting bracket assembly allows you to mount your PLS3 laser directly to the rail or if vibration is a problem it can be mounted to the pit floor. The bracket can be used either at the top of the hoistway or at the bottom allowing you to use either the “up shooting” or “down shooting” feature on the PLS3 laser. Once the mounting bracket is secured final adjustment of the laser beam is accomplished using the thumb knob.

Part No.	Description	Weight (lbs)
10-114-20	5/8" Rail	3 (1kg)
10-114-20-U	Universal Rail Sizes to 1 1/4"	2 (1kg)



Part No. 10-114-18

Laser Concentrator Gauge

Laser beams diffuse and widen the farther they get from their source making it hard to determine the exact center of the beam. The laser concentrator gauge has been designed to concentrate and re-focus the beam of the laser as it strikes the target. Simply place the concentrator gauge on a section of rail that has been aligned and is some distance away from the laser source. Since only a portion of the laser beam can pass through the concentrator gauge it removes much of the diffused beam and re-focuses the remaining beam providing a smaller more focused beam on your target.

Part No.	Description	Weight (lbs)
10-114-18	5/8" Rail	2 (1kg)
10-114-18-U	Universal Rail Sizes to 1 1/4"	1 (0kg)



Part No. 10-114-19

Clamp-On Rail Gauge Mounted to the Rail Face

This precision machined aluminum rail gauge is equipped with a specially designed laser target. The special lens material makes it much easier to see the position of the laser beam on the target. The gauge can be clamped to the rail so adjustments can be made quickly and with both hands.

Part No.	Description	Weight (lbs)
10-114-19	5/8" Rail	2 (1kg)
10-114-19-U	Universal Rail Sizes to 1 1/4"	1 (0kg)