

ATTAINING NEW HEIGHTS IN TECHNOLOGY & ACCURACY

The HORIZON Zenith Laser Plummet HZLP401 is used for vertical plumbing through extended heights. This is particularly useful for the Builder or Surveyor when working with heights that are inaccessible or too large to plumb with normal Optical Plummetts.

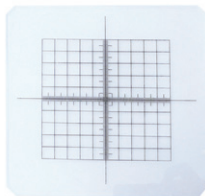
The instrument is also used for construction of vertical shafts and similar structures like massive vertical Cable Ducts or Elevator paths.

Featuring a detachable main unit, the Tribrach of the Plummet system can be centred over or under the required point and then replaced by a Theodolite or Total Station for guaranteed accuracies.

Standard Accessories



Polarised Eye Filter
for protection against glare



Targeting Plate
for measurement



Tool Kit for light maintenance



Hard Carry Case
Durable for robust use

Application examples:

- Tower work
- High-rise work
- Elevator Shaft Construction
- Vertical Piping Construction
- Vertical Cable Ducts
- Transfer of Vertical Survey points to ground
- Ceiling work

Features:

- Highly visible laser for ease of sighting
- Useful when working with large vertical distances
- Separatable main unit and Tribrach system
- Can be used independently or with Total Stations/Theodolites

Optional Laser Accessories Available



Zenith Laser Plummet HZLP401
HZLP401

HORIZON Zenith Plummet HZLP401 Specifications	
Accuracy	1/40,000
TELESCOPE	
Effective Aperture	30mm
Magnification	25x
Minimum Focus Distance	1m
Field of View	1° 30'
Minimum Focusing Distance	1m
Image	Inverted
LASER DIODE	
Wavelength	635nm
Laser Class	Class 2
LASER PLUMMET	
Auto Shut Off Time Interval	5min
Minimum Viewing Distance	0.5m
Plummet Accuracy	1mm
LASER OPERATION RANGE	
Day	120m
Night	300m
LASER SPOT	
40m Range	Maximum 4mm
100m Range	Maximum 6mm
Deviation, Optical and Laser Axis	5"
Mean Square Plumblines error	≤5"
OTHERS	
Operation Temperature	-10°C ~ +40°C
Instrument Weight	2.9kg
Instrument Dimensions	130x110x244(mm)
Power Supply	3V