

# TOP OF THE RANGE

## TOP IN ITS CLASS



**HORIZON 4000 Series**  
HZ OLS032

**HORIZON 4000 Series**  
Shown with optional Parallel  
Plate Micrometer PPM-10

### Product Features

Used in 3rd and 4th Order Levelling and in Geodetic Surveys

It utilises the **Most Precise Optics** which can be even used to test the accuracy of other Levels.

Plus it has the superiorly accurate **Fish Tail Targeting System** for pin point accurate measurements.

Constructed with a **Full Metal Housing**, the HORIZON 4000 Series is made to withstand the rough handling and occasional accidents in the field.

Add a **Stable Compensator for accuracy** and get one of the most **consistently accurate** Levellers available at any price range.

When you need the best equipment for a Levelling job, the HORIZON 4000 Series is it.

HORIZON 4000 Series	4032	4024
<b>Accuracy</b>		
Standard Deviation of 1km Double-Run Levelling	±1.0mm	2.0mm
4032 + PPM - 10 Parallel Plate Micrometer	±0.5mm	-
Telescope	Erect	Erect
Clear Objective	45mm	36mm
Magnification	32x	24x
Field of View	2.3m	3.2m
Shortest Focusing Distance	1.4m	<0.4m
Multiplication Factor	100	100
Additive Constants	0	0
<b>Automatic Compensator</b>		
Working Range	±14'	±14'
Setting Accuracy	±0.3"	±0.4"
Setting Time	-	2 sec
Sensitivity of Circular Level per 2mm Run	8'	8'
Graduation Interval of Hz Metal Circle	1°	1°
Operating Temperature	-30°c to +50°c	-30°c to +50°c
Weight With Casing	3.46kg	2.6kg
Without Casing	2.34kg	1.82kg
<b>PPM-10 Parallel Plate Micrometer</b>		
Range	10mm	-
Smallest Graduation	0.1mm	-
Estimate	0.01mm	-

\* Graduation in Gon is also available

# THE MOST POPULAR THE MOST IMPROVED



HORIZON 3025



HORIZON 3028



HORIZON 3032

## Product Features

The all new HORIZON 3000 Series Automatic Level is a heavy duty quality product which packs many other improvements over its predecessor.

Firstly, it has better **Crystal Clarity Optics which** gives consistently clear focus over much greater distances.

Secondly it has **Superior Dual Compensator Stability**, for improved accurate measurements.

Thirdly it now has a **Full Metal Cas-ing** made to withstand the rough handling and occasional accidents in the field.

Unmatched in it's class, this widely used instrument has proven itself against **superior, even against pricier Auto Levels** in the market.

HORIZON 3000 Series Specifications	3025	3028	3032
Image	Erect	Erect	Erect
Magnification	25x	28x	32x
Clear Objective Aperture	40mm	40mm	40mm
Field of View	1.5°	1.5°	1.5°
Shortest Focusing Distance	0.5m	0.5m	0.5m
Multiplication Factor	100	100	100
Additive Constant	0	0	0
Splashproof	Yes	Yes	Yes
Compensator Work Range	±15'	±15'	±15'
Setting Accuracy	±0.3"	±0.3"	±0.3"
Sensitivity of Bubble	8' / 2mm	8' / 2mm	8' / 2mm
Circle Graduation	1°	1°	1°
Standard Deviation for 1km Double-Run Leveling	±2.0mm	±1.5mm	±1.0mm
Instrument Net Weight	2kg	2kg	2kg
Base Plate Standard Thread	5 / 8"	5 / 8"	5 / 8"

\* Graduation in Gon is also available

## Standard Accessories (3000 & 4000 series)



**Lens Cover**  
Protection against dust & scratches



**Plumb Bob**  
For levelling



**Tool Kit** for light maintenance



**Hard Carry Case**  
Durable for robust use

**Instruction Manual included**