

## Set up to cost effective and accurate leveling work

**AP-220 LEVEL IS A PERFECT ENTRY LEVEL DESIGNED FOR EASE OF USE AND GUARANTEED PRODUCTIVITY**

### Features and Benefits

- Very Short Focusing Distance: 0,3m
- Optimal for close range work
- Robust construction: Metal top cover
- Weather and Dust Resistance: IP55
- An easy-to-read horizontal circle
- Magnetic damped automatic compensator for rapid and accurate results
- Light Weight: 1,25 kg

AP-224 (24 x)  
AP-228 (28 x)  
AP-230 (30 x)

### Standard configuration

- Carrying case
- Plumb bob
- User-manual

PENTAX a world-renowned brand with a world-wide service network.



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### Technical specifications

AP-220 Series	AP-230	AP-228	AP-224
<b>Telescope</b>			
Image		Erect	
Magnification	30x	28x	24x
Objective Aperture	φ30 mm		
Resolving Power	3"	3"	3.5"
Field of view	1°20'		
Minimum Focus Distance	0.3 m		
Stadia ratio	100		
Stadia constant	0		
<b>Accuracy</b>			
Standard Deviation of 1km double run leveling	1.5 mm	1.5 mm	2 mm
<b>Automatic Compensator</b>			
Working range	±15'		
Type	Magnetic		
<b>Circular Vial</b>			
Sensitivity	8' / 2mm		
<b>Horizontal Circle</b>			
Minimum division	1° / 1gon		
Reading system	Total area 400G/360°		
<b>Size and Weight</b>			
Dimensions	130mm x 140mm x L 200mm		
Weight	1.25 kg		
<b>Dust and Water resistance</b>			
IP55			

\* Specifications are subject to change without notice

ISO  
ISO 9001:2008

**JSIMA**  
Japan Surveying Instruments Manufacturers' Association

Member symbol of the Japan Surveying Instruments Manufacturers' Association representing the high quality surveying products.

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## Automatic levels

**AP-220 Series** x24 | x28 | x30



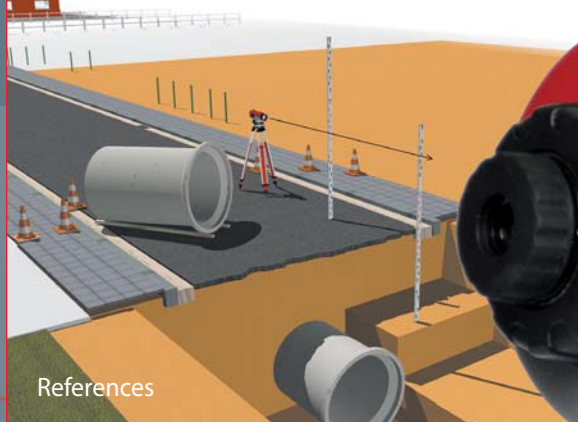
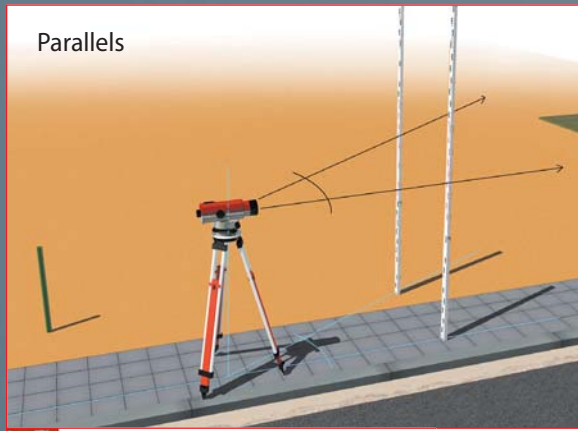
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# Basic Applications

AP-224 | AP-228 | AP-230

Simple, accurate, optimal for use in:

- General Building and Construction
- Civil Engineering
- Landscaping
- Agricultural Engineering



Level up with  
the PENTAX  
AP-220 Series Levels

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