

## 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

\* Designs and specifications are subject to change without notice. - Printed in Belgium - FOL-AP220-EN-1311 - © PENTAX 2014

**TI Asahi Co., Ltd.**  
**International Sales Department**  
 4-3-4 Ueno Iwatsuki-Ku, Saitama-Shi  
 Saitama, 339-0073 Japan  
 Tel.: +81-48-793-0118  
 Fax: +81-48-793-0128  
 E-mail: International@tiasahi.com  
 www.pentaxsurveying.com/en/



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## Automatic levels

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



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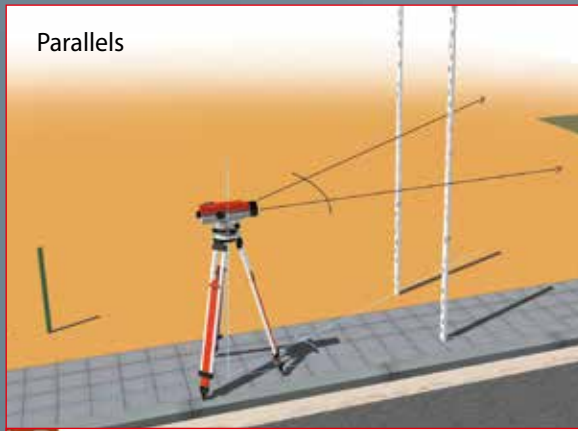
**80<sup>th</sup>**  
**PENTAX**  
 SINCE 1923  
 TI Asahi Co., Ltd.  
 anniversary

# 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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