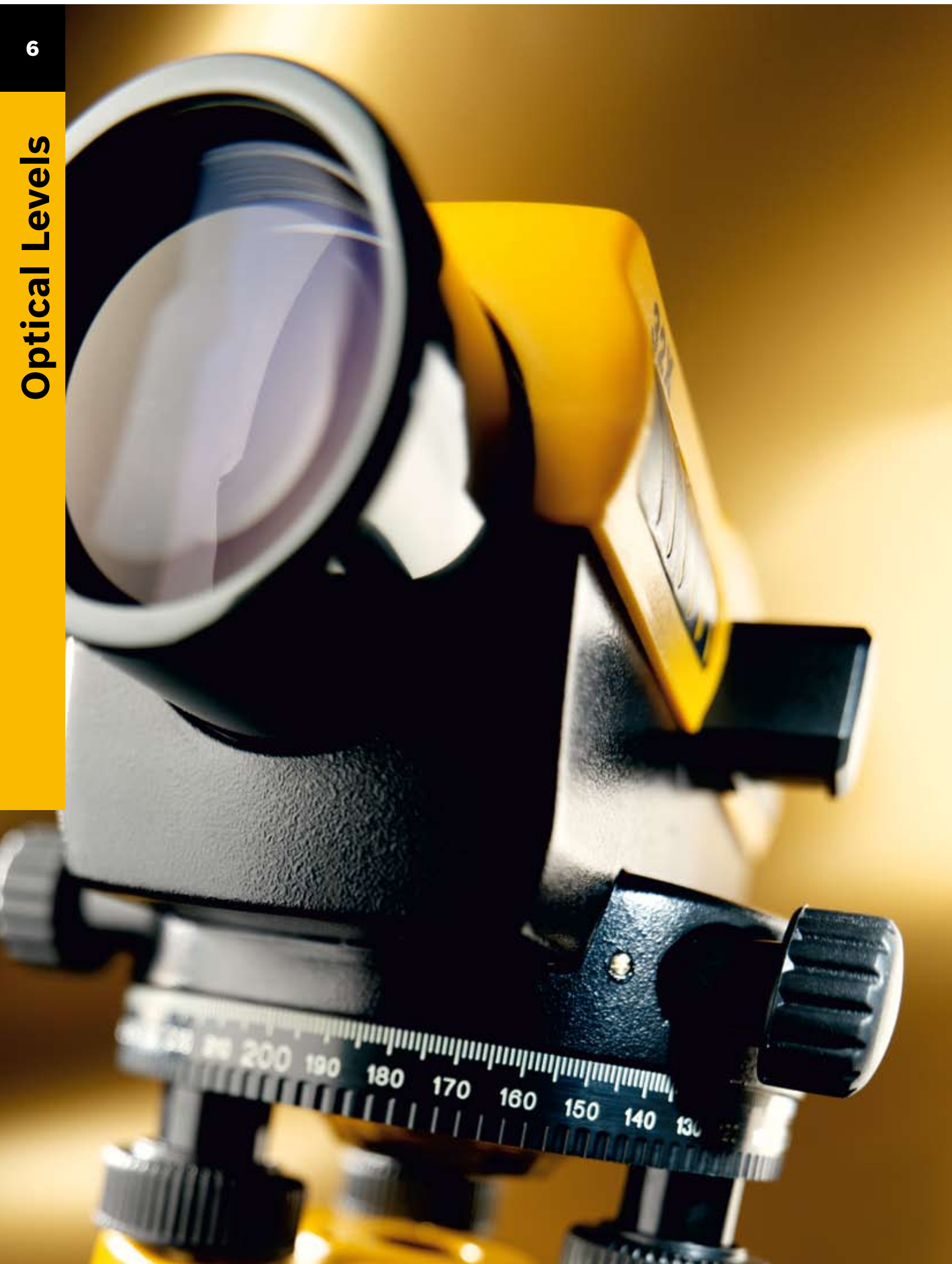


# Optical Levels



## PAL series

### Optical level with 22x or 26x magnification

- ▶ Sturdy metal housing with rubber reinforcement
- ▶ Fast aperture
- ▶ Magnetically dampened compensator

#### Additional features

- ▶ Circular vial with penta prism
- ▶ Fine motion knobs on both sides with friction-braked rotation, endless horizontal drive
- ▶ Large focussing knob
- ▶ Target collimator
- ▶ Graduated circle with either 360 degrees or 400 gons
- ▶ Compensator lock (transport lock)

#### Applications

- ▶ Patios
- ▶ Landscaping
- ▶ General construction
- ▶ Foundations
- ▶ Road construction
- ▶ Excavation



Technical Specifications	PAL22D	PAL22G	PAL26D	PAL26G
<b>Part number</b>	<b>F 034 068 7N4</b>	<b>F 034 068 7N7</b>	<b>F 034 068 8NE</b>	<b>F 034 068 8NH</b>
Unit of measure	Degrees	Gons	Degrees	Gons
Magnification	22x	22x	26x	26x
Working range	76 m	76 m	99 m	99 m
Levelling accuracy	0.1 mm/m	0.1 mm/m	0.05 mm/m	0.05 mm/m
Angular accuracy	1°	1 gon	1°	1 gon
Compensator setting accuracy	± 0.8"	± 0.8"	± 0.5"	± 0.5"
Clear objective aperture	36 mm	36 mm	40 mm	40 mm
Length	220 mm	220 mm	220 mm	220 mm
Width	70 mm	70 mm	70 mm	70 mm
Height	150 mm	150 mm	150 mm	150 mm
Weight	1.9 kg	1.9 kg	1.9 kg	1.9 kg
<b>Scope of delivery</b>				
Lens cover	✓	✓	✓	✓
Plumb bob	✓	✓	✓	✓
Allen wrench	✓	✓	✓	✓
Adjusting pin	✓	✓	✓	✓
Hard carry case	✓	✓	✓	✓

## SAL20N and SAL24N

### Optical level with 20x or 24x magnification

- ▶ Sturdy metal housing with rubber reinforcement
- ▶ Fast aperture
- ▶ Magnetically dampened compensator

#### Additional features

- ▶ Circular vial with penta prism
- ▶ Fine motion knobs on both sides with friction-braked rotation, endless horizontal drive
- ▶ Large focussing knob
- ▶ Target collimator
- ▶ Graduated circle with either 360 degrees or 400 gons
- ▶ Compensator lock (transport lock)

#### Applications

- ▶ Patios
- ▶ Landscaping
- ▶ General construction
- ▶ Foundations
- ▶ Road construction
- ▶ Excavation



Technical Specifications	SAL20ND	SAL20NG	SAL24ND	SAL24NG
<b>Part number</b>	<b>F 034 068 1N7</b>	<b>F 034 068 1N8</b>	<b>F 034 068 400</b>	<b>F 034 068 401</b>
Unit of measure	Degrees	Gons	Degrees	Gons
Magnification	20x	20x	24x	24x
Working range	Up to 61 m	Up to 61 m	Up to 91 m	Up to 91 m
Levelling accuracy	0.1 mm/m	0.1 mm/m	0.05 mm/m	0.05 mm/m
Angular accuracy	1°	1 gon	1°	1 gon
Compensator setting accuracy	± 0.8"	± 0.8"	± 0.8"	± 0.8"
Clear objective aperture	36 mm	36 mm	36 mm	36 mm
Length	220 mm	220 mm	220 mm	220 mm
Width	70 mm	70 mm	70 mm	70 mm
Height	150 mm	150 mm	150 mm	150 mm
Weight	1.9 kg	1.9 kg	1.9 kg	1.9 kg
<b>Scope of delivery</b>				
Lens cover	✓	✓	✓	✓
Plumb bob	✓	✓	✓	✓
Allen wrench	✓	✓	✓	✓
Adjusting pin	✓	✓	✓	✓
Hard carry case	✓	✓	✓	✓

## SAL28N and SAL32N

### Optical level with 28x or 32x magnification

- ▶ Sturdy metal housing with rubber reinforcement
- ▶ Fast aperture
- ▶ Magnetically dampened compensator

#### Additional features

- ▶ Circular vial with penta prism
- ▶ Fine motion knobs on both sides with friction-braked rotation, endless horizontal drive
- ▶ Large focussing knob
- ▶ Target collimator
- ▶ Graduated circle with either 360 degrees or 400 gons
- ▶ Compensator lock (transport lock)

#### Applications

- ▶ Patios
- ▶ Landscaping
- ▶ General construction
- ▶ Foundations
- ▶ Road construction
- ▶ Excavation



Technical Specifications	SAL28ND	SAL28NG	SAL32ND	SAL32NG
<b>Part number</b>	<b>F 034 068 A17</b>	<b>F 034 068 A19</b>	<b>F 034 068 200</b>	<b>F 034 068 201</b>
Unit of measure	Degrees	Gons	Degrees	Gons
Magnification	28x	28x	32x	32x
Working range	Up to 107 m	Up to 107 m	Up to 122 m	Up to 122 m
Levelling accuracy	0.05 mm/m	0.05 mm/m	0.05 mm/m	0.05 mm/m
Angular accuracy	1°	1 gon	1°	1 gon
Compensator setting accuracy	± 0.5"	± 0.5"	± 0.3"	± 0.3"
Clear objective aperture	40 mm	40 mm	40 mm	40 mm
Length	220 mm	220 mm	220 mm	220 mm
Width	70 mm	70 mm	70 mm	70 mm
Height	150 mm	150 mm	150 mm	150 mm
Weight	1.9 kg	1.9 kg	1.9 kg	1.9 kg
<b>Scope of delivery</b>				
Lens cover	✓	✓	✓	✓
Plumb bob	✓	✓	✓	✓
Allen wrench	✓	✓	✓	✓
Adjusting pin	✓	✓	✓	✓
Hard carry case	✓	✓	✓	✓