

Borescope / Inspection

Professional Borescopes



- Water-proof borescope probe; allows even short-time use in oil or gasoline
- Continuous focussing of the eyepiece provides sharp pictures (blue adjustment ring)
- The borescope probe does not get hot
- Specially coated achromatic optics for pictures without colour fringes
- On/off switch with continuous light regulation

- Bayonet catch allows fast adaptation of the battery handle to the basic appliance
- Eyepiece cup for spectacle wearers
- Included: Borescope, battery handle with 3 batteries (LR14), eyepiece cup

For expertises and the compilation of damage assessments at and in concealed areas as e.g.



Industry:

- CNC machines, planetary gear, bearings and bushings, conducts, grooves, etc.
- Quality inspections in the surface area, welded joints, soldered joints, riveted joints, any kind of screwed connections, bore holes and each kind of threads



Aviation:

- Sporting planes with motors, helicopters, chassis, motor parts: cylinders, valves/valve bottom, pistons/piston rings

Construction:

- Renovation of old buildings, hollow spaces, cable shafts, etc.



Passenger cars, commercial vehicles, motorcycles, boats:

- Parts of the motor like cylinder walls, pistons, valves, oil-pump, oil pan, gear, etc.
- Diagnostics of leaks in the motor, cooling circuit, visual inspection of the catalytic converter, car body, chassis, spars, shafts, wear of the axles, e.g. bearing collars, ball bearings, wear marks in the axle shaft, axle drive shafts, etc.

Accessories: Mirror with thread (Side View Adapter)

The borescope's outer diameter does not increase when using the 90°/110° mirror (Side-View Adapter). Safe fastening ("unlosable")



4.2 or 6 mm Ø

Application fields:

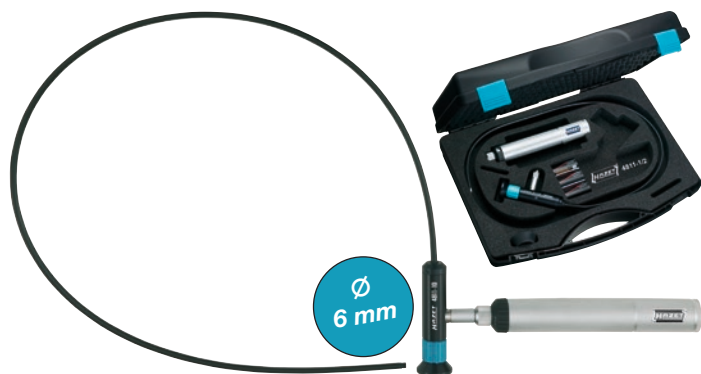


Technical Data		
HAZET No.	4811-2/2	4811-1/2
Diameter	4.2 mm	6 mm
Work distance	5 mm to infinite	10 mm to infinite
Brightness at a distance of 16 mm	15,000 Lux	50,000 Lux
Count of glass fibres	17,000	7,000
Very small bending radius	30 mm	30 mm
Useful length borescope probe	720 mm	1000 mm
Aperture angle	40°	50°
Temperature range	-20° up to + 55° C	-20° up to + 55° C
Luminous source/ bulb	3.5 V	3.5 V
Other	Reduced moment of rotation 360° torsion	



Specialty Tools – Borescope/Inspection

Professional Borescope



Made in Germany

HAZET No.	EAN-No. 4000896+
4811-1/2	109678



90° side-view adapter (mirror) for 4811-1/2

- Extends the field of view to an aperture angle of 90°
- The borescope's outside diameter (6 mm) remains the same
- Tight screwing for safe fixation (unlosable)
- Image angle 40°

4811-2	109685
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110° side-view adapter (mirror) for 4811-1/2

- Extends the field of view to an aperture angle of 110°
- The borescope's outside diameter (6 mm) remains the same
- Tight screwing for safe fixation (unlosable)
- Image angle 40°

4811-3	115891
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Spare bulb 3.5 Volt for 4811-1/2 and 4811-2/2

4811-01	110377
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LED-Scope Light



Made in Germany

HAZET No.	EAN-No. 4000896+
4811-8	154067

Brilliant white light in conjunction with HAZET Borescopes 4811-1/2 and 4811-2/2

- White LED (3 Watt), 5500 K to 6000 K colour temperature
- Up to 110 000 Lux
- Approx. 50,000 hours working life
- Shock and impact resistant

4811-8	154067
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Professional Borescope



Made in Germany

HAZET No.	EAN-No. 4000896+
4811-2/2	144136



90° side-view adapter (mirror) for 4811-2/2

- Extends the field of view to an aperture angle of 90°
- The borescope's outside diameter of 4.2 mm does not increase
- Tight screwing for safe fixation (unlosable)
- Image angle 40°

4811-4	144365
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110° side-view adapter (mirror) for 4811-2/2

- Extends the field of view to an aperture angle of 110°
- The borescope's outside diameter (4.2 mm) does not increase
- Tight screwing for safe fixation (unlosable)
- Image angle 40°

4811-5	144372
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Spare bulb 3.5 Volt for 4811-1/2 and 4811-2/2

4811-01	110377
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Borescope



- For the localization of damaged parts, e.g. axles, bearings and gearboxes
- Steel tip 180 mm
- Diaphragm with efficient transmission rate

Made in Germany

HAZET No.	l mm	EAN-No. 4000896+
2151	1080	013043
Ear tips for 2151		
2151-02/2	-	062287

