

## Flexible fiberscope for fast diagnoses

### testo 319

The testo 319 fibre-glass fiberscope facilitates easy inspections at difficult-to-access points such as in air ducts, ventilators, machines and motors etc. Diagnoses such as corrosion, friction wear, condition of welding joints, loose parts and lots more can be made very early, very quickly and very easily using endoscopy.

The flexible testo 319 can be guided through hollow spaces, bore holes and bends. You can adjust the focus using the focussing wheel. In this way the damaged point can be appraised without the need for dismantling.

- Optics: 6,000 pixels with a field of view of 50°
- Low bending radius (50 mm), small diameter (6 mm)
- Stability thanks to Decabon pipe
- Gooseneck casing for medium flexibility
- 3-arm gripper: Grips small objects (optional)



LED light, high contrast display

Inspects air duct, with gooseneck casing, middle flexibility



Checks insulations by using the stability of the Decabon tube

#### testo 319

testo 319 fiberscope

Part no. 0632 3191

#### testo 319 set

Fiberscope set, consisting of testo 319 fiberscope, gooseneck tube, magnet and mirror attachments, bag

Part no. 0563 3191

#### Technical data

No. of pixels:	6,000
Fibre-optic field of view:	50°
Angle of field of view:	45° +/- 5°
Min. focus distance:	15 mm (close)
Max. focus distance:	150 mm (light)
Operating and storage temperature:	-20° to + 60°C
Working temperature/Probe:	-20° to + 80°C
Probe diameter:	6.5 mm
Probe length:	1247 mm +/- 6
Max. bending radius:	50 mm
Light source:	LED 2 point light
Battery life:	Typically 50,000 h
Probe resistance:	Probe tip water-proof up to handle Short-term resistance to silicone oils, petrol and kerosene. Oils or petrol must be wiped off immediately after immersion
Housing:	Black
Battery type:	3 AA Mignon 1.5 V
	Battery life: 4 h

#### Accessories Ordering data

Accessories Ordering data	Part no.
Flexible push-on gooseneck tube,	0554 3196
Decabon push-on tube	0554 3191
Two-channel push-on hose	0554 3190
Magnet attachment	0554 3195
Mirror attachment 45° angle	0554 3194
Temperature probe for two-channel hose	0554 3193
3-arm gripper, for two-channel hose	0554 3192
Bag for basic set testo 319, gooseneck tube, magnet and mirror attachment	0516 3192