

Technoscopes – mobile inspection systems for holes

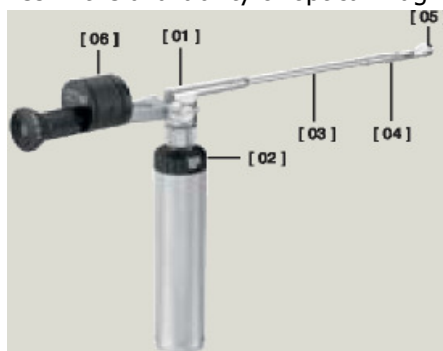
borescopes – pocket instrument for bores and cavities

order-no.	specification	price in €
	<p>Borescope pocket instrument with 2.5 V illumination</p> <p>With connector for handle mini 2000: The light weight – only 100 g with mini 2000 battery handle – and compact dimensions make it an ideal instrument for the pocket. It has many applications in the field of optical inspection, including some where this was difficult or impossible until now. A handy instrument which no inspector should be without</p> <p>magnification: 10x</p>	
<p>T-510.10.052</p> 	<p>Inspection set A</p> <ul style="list-style-type: none"> - borescope with handle mini 2000 - 1 bulb Halogen 2,5 V - in transparent pack 	161,00
<p>T-01.88.042</p> 	<p>Spare bulb halogen 2,5 V</p>	16,50
	<p>Borescope with illumination 3,5 V</p> <p>With automatic connector for battery or rechargeable handles. The 3.5 V-version is powered by battery or rechargeable handle and ensures even more brightness, which can be adjusted by a rheostat control to suit the application.</p>	
<p>T-02.24.105</p>	Borescope with bulb 3,5V	161,00
<p>T-02.88.070</p>	Spare bulb halogen 3,5V	16,50
<p>T-02.25.369</p> 	BETA battery handle for 3 batteries LR1 4 for borescope 3,5V	62,00
<p>T-00.99.230</p>	Connecting cord, 190 cm long.(recommended)	41,00

order-no.	specification	price in €
	<p>mini 2000 F.O. 2,5V for apertures from Ø 5 mm</p> <p>The mini 2000 F.O. Viewing probe, manufactured from robust polyamid, is a handy instrument which is ideal for the pocket with a weight of only 100 g. With a direction of view of 0°, the object inspected may be at a distance of up to 45 mm.</p> <p>Magnification for 0° and 90°: 4x à 5x</p>	
T-01.70.105	Viewing probe mini 2000 F.O. with bulb, without handle	101,00
T-01.70.109	Viewing probe mini 2000 F.O. with bulb, with handle mini 2000 (with batteries)	125,00
T-01.24.222	Viewing probe mini 2000 F.O., with mirror probe90°, Ø5/25mm, with handle mini 2000 (with batteries)	170,00
T-01.24.220	Viewing probe mini 2000 F.O., with mirror probe e90°, Ø5/25mm, without handle mini 2000	145,00
T-01.88.037	bulb XHL xenon-halogen 2,5V	12,00
T-00.24.240 	mirror probe90° Ø5 mm – 25 mm	44,00
T-00.24.241 	mirror probe90° Ø6 mm – 25 mm	44,00
T-01.79.009 	Handle mini 2000 for batteries LR6 for borescope 2,5V	25,00
T-512.10.052 	<p>Inspection set C</p> <ul style="list-style-type: none"> - mini 2000 F.O. with handle T-01.70.109 (with batteries) - mirror probe90° (25 and 30 mm) - 1 bulb XHL xenon-halogen 2,5 V - transparent pack 	226,00

The universal and modular system

Inspection instruments for bores and cavities greater than 9 mm in diameter and up to 1000 mm deep are widely used in industry. The range includes many different elements which make it especially suitable for situations which involve the need to change quickly from one kind of inspection to another. A further advantage lies in the availability of optical magnifiers for these instruments















The kit systems

The basic element of the **XHL Xenon Halogen probe** is the 3.5V probe head [**01**] with automatic connector for the 3.5V power source [**02**]. Probes in various lengths [**03**] can be attached to the M6 screw thread provided. They, in turn, also incorporate an internal screw thread into which the 3.5V XHL Xenon Halogen bulb [**04**] is screwed.

Mirrors of various diameters [**05**] can be fitted to the probes, and can be rotated into any position as required. They are designed to prevent their accidental detachment from the probe. Optical magnification can be provided by means of a simple swivel loupe or a precision focussable prism telescope [**06**] with a simple friction connector.

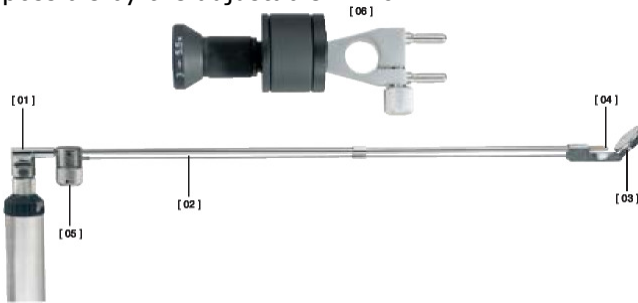
Light and mirror probes

	order-no.	specification	price in €
	T-00.25.100	Probe head with connector	49,00
tête de sonde	T-02.25.120	probe Ø 5mm, 100 mm, with bulb 3,5V	65,00
	T-02.25.121	probe Ø 5mm, 200 mm, with bulb 3,5V	70,00
sonde Ø 5 mm	T-02.25.122	probe Ø 5mm, 300 mm, with bulb 3,5V	74,00
	T-02.25.123	probe Ø 5mm, 400 mm, with bulb 3,5V	79,00
sonde lumineuse, flexible	T-02.25.124	probe Ø 5mm, 500 mm, with bulb 3,5V	83,00
	T-00.25.129	extension 500 mm, Ø 8 mm for probe	59,00
miroir connectable, acier	T-02.25.130	Flexible light probe, 500 mm	78,00
	T-02.88.066	bulb XHL xenon-halogen 3,5V	22,50
miroir connectable, verre	T-00.25.300	mirror connectable, steel, Ø 8 mm	28,00
	T-00.25.301	mirror connectable, steel, Ø 12 mm	29,00
loupe prismatique, focalisable	T-00.25.305	mirror connectable, glas, Ø 16 mm	25,00
	T-00.25.306	mirror connectable, glas, Ø 20 mm	26,00
	T-00.25.307	mirror connectable, glas, Ø 25 mm	27,00
	T-00.25.308	mirror connectable, glas, Ø 30 mm	32,00
	T-00.25.350	focusable prism telescope 3 - 5,5 x (for all probes)	355,00
	T-02.25.369	Handle for 3 batteries LR14 dimensions: 170 mm x Ø 29 mm weight with batteries: 400g	62,00
	T-518.20.123	Inspection set J Probe head, 5 probes 100– 500 mm, swivel lens 2x, prism telescope, 2 steel mirrors, 4 glass mirrors, XHL spare bulb 3.5V, in transparent pack with BETA- battery handle for 3 dry batteries	1.126,00

order-no.	specification	price in €
	Straight inspection mirror with automatic connector for all 3.5 V handles. A screw-fitting is provided for either a plane or a concave mirror which provides 2-3x magnification, depending on the distance to the object	
T-02.12.109	Straight mirror-holder, 100 mm long, with 3.5 V bulb	45,00
T-00.12.103	Mirror flat Ø 20 mm	14,50
T-00.12.104	Mirror concave	14,50
T-02.25.369 	Handle for 3 batteries LR14 dimensions: 170 mm x Ø 29 mm weight with batteries: 400g	62,00
	Mini light and mirror probe" Compact handy instrument for the toolbag, 2,5V	
T-01.25.142	Probe "mini" Ø 5 mm, 110 mm with handle mini 2000	70,00
T-01.25.140	probe „mini“ with bulb 2,5V (without handle)	45,00
T-01.88.057	bulb XHL xenon-halogen 2,5V	12,00
T-01.79.009 	Handle mini 2000 for batteries LR6 for borescope 2,5V	25,00
T-513.10.052	'inspection set D - probe mini T-02.12.109 - handle for batteries T-02.25.369 - mirrors connectables T-00.25.305 and T-00.25.307 - bulb XHL xenon-halogen	133,00








Mirror probe with orientable mirror and remote adjustment

For inspecting cavities or large-diameter bores where the entrance hole is relatively small, these instruments offer the advantage of permitting the user to observe in any direction, including backwards! This is made possible by the adjustable mirror.



Construction: A rigid tube [02] is attached to the head [01] which has an automatic connector for a 3.5 V handle. The far end of the tube has an adjustable mirror [03] and a XHL Xenon Halogen bulb fixed to it. The mirror can be adjusted by means of a pushrod running parallel to it, which in turn is moved by a control knob [05] mounted in front of the instrument head.

Mirrors of different diameters can be used with the mirror probe, all of which are secured to prevent their becoming loose. The 3.5 V bulb provides a large patch of intense light, which allows very detailed examination and recognition of details, particularly so when the prism telescope [06] with 3– 5.5x magnification is used.

order-no.	specification	price in €
T-02.25.200 	Mirror probe with fixed head and remotely-adjustable mirror, dia. 5 mm, length 400 mm, with 3.5 V bulb, without handle	220,00
T-00.25.201 	mirror Ø 20 mm, with thread fitting	19,00
T-00.25.202 	mirror Ø 25 mm, with thread fitting	21,00
T-00.25.203 	mirror Ø 30 mm, with thread fitting	22,00
T-00.25.350 	Focusable prism telescope; magnification 3x à 5,5x ; for all probes	355,00
T-02.25.369 	Handle for 3 batteries LR14 dimensions: 170 mm x Ø 29 mm weight with batteries: 400g	62,00
T-02.88.066	bulb XHL xenon-halogen 3,5 V,	22,50
T-516.20.123 	Inspection Set G - mirror probe T-02.25.200 - mirrors Ø20 mm, Ø 25 mm, Ø 30 mm - prism telescope T-00.25.350 - handle for batteries T-02.25.369 - poignée pour piles T-02.25.369	748,00