

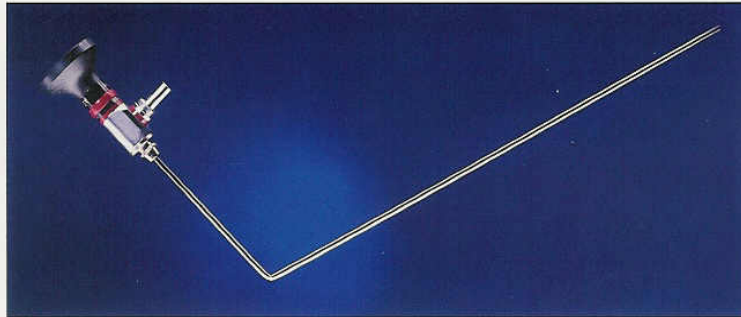
Top-elastic

Elastoscope Series TES

Nearly indestructible technical endoscopes –
second to none in the world!

Elastoscope Series TES

This new generation of patented technical endoscopes is characterized by a number of revolutionary properties:



Broken borescope shafts are things of the past.

Elasticity:

The shaft can be bent easily and then returns to its original straight position. Richard Wolf Elastoscopes are vastly superior to conventional rigid borescopes as regards breaking strength. Broken rod lenses or endoscope shafts are things of the past.

Robustness:

The shaft material of a special titanium alloy is extremely tough and resistant to abrasion. Here again, Richard Wolf Elastoscopes are superior to commercial rigid borescopes made of stainless steel. The side-view Elastoscope versions have their tip made of hardened tool alloy, which also provides much higher resistance to abrasion than conventional rigid borescopes.

Resolution:

The ultrahigh-resolution optical fibres of Richard Wolf Elastoscopes surpass the resolution of comparable flexible endoscopes by a few orders of magnitude. The images of technical surfaces can hardly be distinguished from those delivered by the rod lens systems used in conventional rigid borescopes. These features make Richard Wolf Elastoscopes perfectly suited for use with video equipment.

Brightness:

Thanks to the optical fibres used, images delivered by Richard Wolf Elastoscopes are much brighter than those delivered by conventional rigid and flexible endoscopes having the same diameter.

Richard Wolf Elastoscopes are liquid-tight. All couplings and connections for optical fibres and lenses meet the Wolf standard. They can therefore be combined with existing endoscope equipment without restrictions. Adapters are available to readily connect accessories by other manufacturers as well.



In case that you should not find the suitable working length in our standard range of products, please ask us. The excellent transmission capabilities of the optical-fibre elements allow even greater working lengths.



Shaft-Ø	Working length	Direction of view	Field of view	Order-no.
2,4 mm	270 mm	0° direct view	80° wide angle	6.24027.8081
	580 mm			6.24058.8081
	350 mm	80° side view	60°	6.24035.6881
	580 mm			6.24058.6881

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