



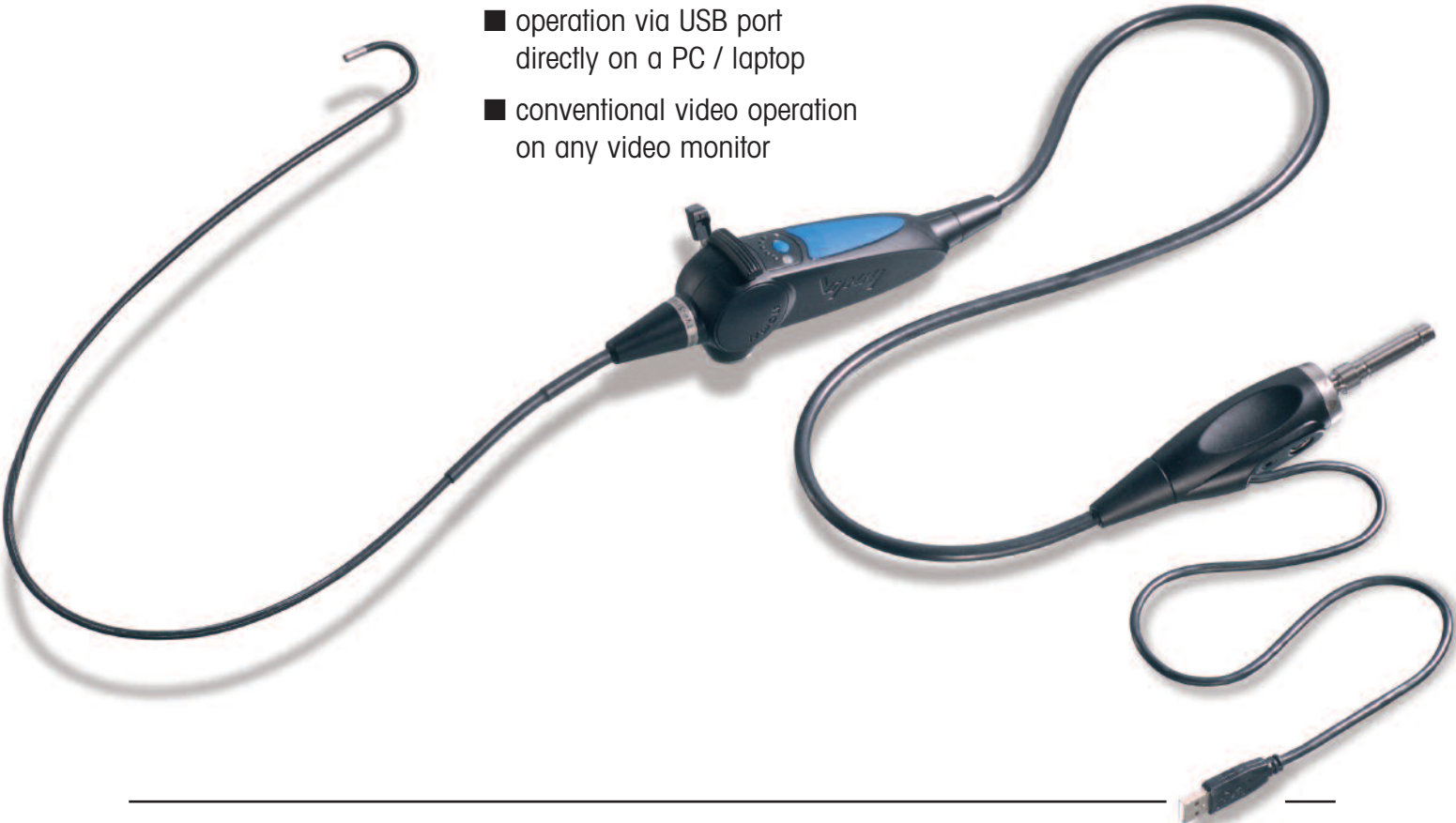
Vipaq





- the ultra-compact videoscope

- operation via USB port directly on a PC / laptop
- conventional video operation on any video monitor



Vipaq – the little all-purpose controller: all major functions within a finger’s reach

Vipaq – the little difference: an ingenious handle design making work less fatiguing

- 1 direct mechanical control for sensitive tip angulation
- 2 locking brake integrated with the control lever
- 3 5-level brightness control
- 4 5-level LED display of brightness setting
- 5 remote control button to take and save frozen images on a PC / laptop or to control additional equipment (e.g. a recorder)
- 6 automatic white balance



Multi-purpose connector:

- connectivity to all Richard Wolf light sources, also adaptable to third-party products (optional adapter)
- integrated USB cable for direct operation on a PC / laptop



- extremely short miniature camera head for safe manoeuvres in confined spaces
- Richard Wolf wide-angle lens ensuring bright images with a great depth of field
- tungsten braid to withstand rugged industrial service

Vipaq TVP-5	Order-No. PAL	9.05080.1025	9.05140.1025	9.05200.1025
	Order-No. NTSC	9.05082.1025	9.05142.1025	9.05202.1025
Working length		800 mm	1.400 mm	2.000 mm
Diameter		4,7 mm		
Direction of view		0° direct view		
Field of view, diagonal		115°		
Focal range		> 10 mm		
Tip angulation		180° up / 130° down		
Sensor resolution		PAL 290,000 / NTSC 250,000 effective pixels		
Colour systems		PAL or NTSC		
Tip bending radius		approx. 13 mm		
Bending radius of flexible insertion tube		approx. 27 mm		
Length of rigid head		approx. 16 mm		
Length of supply cable		2,000 mm (+ 1,000 mm USB cable)		
Cover of flexible insertion tube		fine tungsten braid		
Operating environment		temperature range of flexible probe: 0° - +70 °C / humidity 10% - 90% (at +35 °C)		
Insertion tube resistant to		water, petrol, diesel fuel, various synthetic and mineral oils*), pressures up to max. 1 bar		
Ports		USB 2.0, S-video, remote control (optional cable)		
Weight of complete system bag		4.5 kg (excl. notebook, excl. light source)		
Accessories included		system bag, power supply unit for S-video operation, cleaning set, USB stick with driver software		

*) subject to chemical composition of oils



- Everything included in a practical carrier bag



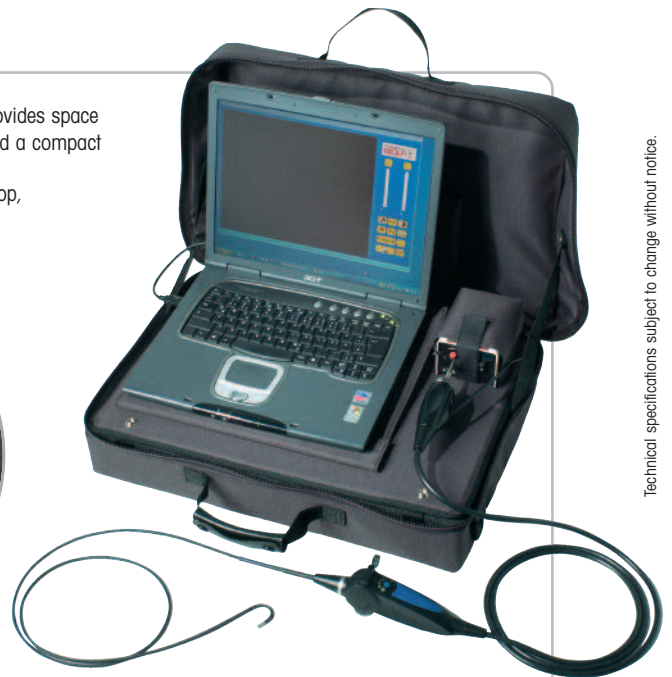
- The Vipaq videoscope and accessories stored in the lower compartment



- And don't forget that video operation without a PC / laptop is possible at any time (plug-in power supply included).



- The upper compartment provides space for a commercial laptop and a compact light source. Just hook up, start the laptop, and this is it.!



- Designed for easy operation by mouse clicks. The operating software displays the current state and all functions at a glance.

For the other products please ask for catalogues or visit us on the Web: www.richard-wolf.de

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