

REMS Orcus Color

Electronic camera inspection system

Super light, handy camera inspection system for inexpensive inspection and damage analysis of pipes, drains, chimneys and other hollow spaces. Also for inspections after pipe cleaning jobs and before commissioning of new installations or repairs. For corded, battery and automobile operation.

Pipes Ø 40–150 mm
Drains, chimneys, other hollow spaces

REMS Orcus Color – brilliant pictures in pipes and drains. Super light and handy.

System advantage

Only **one** controller unit with TFT-color display for connecting different exchangeable cable sets and exchangeable camera heads for different demands. Therefore inexpensive conversion possible.

Execution

For corded, battery and automobile operation. Super light and handy. Controller unit only 0.7 kg, in micro-processing-technology. Small size: 230 x 120 x 49 mm. Can be used anywhere, also in very confined areas. Controller unit safely plugged onto cable carrier, for easy transport. Removable for best positioning during work, detachable for intensive, easy cleaning of cable set. Optional pivoted cable carrier for easy reeling of push cable. Voltage supply 230 V or 110 V AC, 50–60 Hz, 15 W, electronically controlled. Carrying bag for controller unit, voltage supply and accessories. Voltage supply automobile 12 V DC, 15 W, voltage supply battery 12 V DC, 15 W, as accessory.

Controller unit with TFT-color display

5.6" color display with modern TFT technology, 142 mm diagonal display, 320 x 240 Pixel. Buttons for adjusting the brightness of the color display and the intensity of the LED's in the color camera head. Full picture, partial picture, scroll function. Sturdy shock resistant plastic housing. Splash-proof, also when cover is opened. Video output connection Composite-Video PAL for transmitting the color signals, for connecting PC, laptop, video recorder, video printer, color TV and others, for easy documentation of inspection results.

Special color camera

Special color camera with CCD sensor, 3x 120,000 pixel, and 4 ultra bright, white LED's with adjustable lighting intensity up to 2,400 mcd and condensed lighting angle for brilliant pictures at steadily bright illumination. Luminous sensitivity 3 Lux. Fixed focus and special lens with 90° wide angle and 3.7 mm focal length, also for recognizing smallest details. Particularly small, rounded camera head Ø 30 mm, water proof down to 20 m (2 bar/0.2 MPa/29 psi) and highly flexible slide springs, tapered towards the push cable, for effortless forward feed also through several pipe bends. Camera head with sturdy, fast-to-change protection cap in high-strength polyacryl with built-in mineral glass pane. Adapter to push cable.

Special high resolution camera black and white

Special high resolution camera black and white with CCD sensor, 290,000 pixel, and 8 ultra bright, red LED's with adjustable lighting intensity up to 800 mcd and condensed lighting angle for brilliant pictures at steadily bright illumination. Few light required due to very high luminous sensitivity (0.3 Lux). Fixed focus and special lens with 90° wide angle and 3.7 mm focal length, also for recognizing smallest details. Particularly small, rounded camera head Ø 30 mm, water proof down to 20 m (2 bar/0.2 MPa/29 psi) and highly flexible slide springs, tapered towards the push cable, for effortless forward feed also through several pipe bends. Camera head with sturdy, fast-to-change protection cap in high-strength polyacryl with built-in mineral glass pane. Adapter to push cable.

Special high resolution color camera

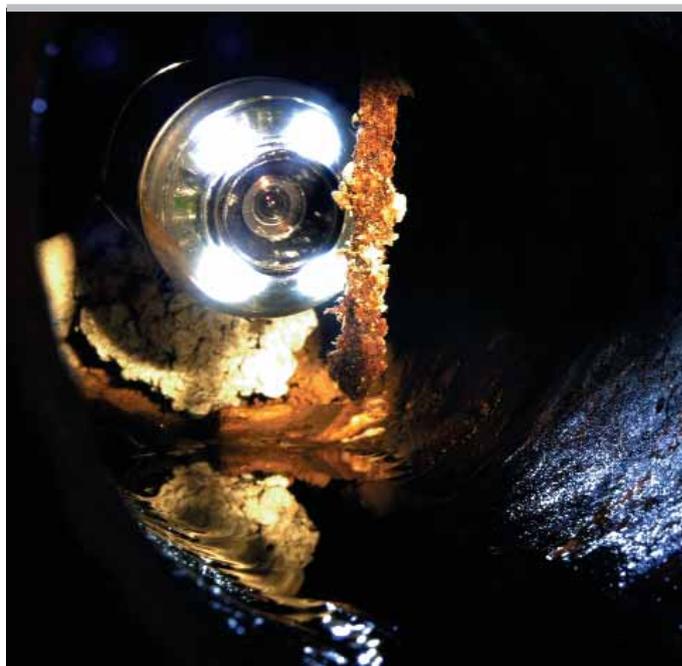
Special high resolution color camera with CCD sensor, 3 x 320,000 pixel, and 4 ultra bright, white LED's with adjustable lighting intensity up to 2,400 mcd and condensed lighting angle for brilliant pictures at steadily bright illumination. Few light required due to very high luminous sensitivity (0.5 Lux). Fixed focus and special lens with 90° wide angle and 3.7 mm focal length, also for recognizing smallest details. Particularly small, rounded camera head Ø 30 mm, water proof down to 20 m (2 bar/0.2 MPa/29 psi) and highly flexible slide springs, tapered towards the push cable, for effortless forward feed also through several pipe bends. Camera head with sturdy, fast-to-change protection cap in high-strength polyacryl with built-in mineral glass pane. Adapter to push cable.

Exchangeable cable sets

Choice of 20 m push cable in cable carrier or 30 m push cable in pivoted cable carrier. Push cable with length marks, with connections for controller unit and exchangeable camera heads. Universal exchangeable cable sets for all REMS exchangeable camera heads. Bend-proof push cable in hybrid technology, with glass fibre core, data lines and plastic coating, very sturdy, for long service life. Rugged, powder coated, easy-to-clean cable carrier. Pivoted cable carrier for easy reeling of cable.

Centering guide

Various centering guides for larger pipe diameters, to be fixed on camera head, as accessory.



German Quality Product



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Supply format

REMS Orcus Color Set. Electronic camera inspection system for inexpensive inspection and damage analysis. For pipes Ø 40–150 mm, drains, ditches, chimneys and other hollow spaces. Controller unit in micro processing technology, 5,6" TFT-color display, video output connection PAL, in sturdy, shock resistant plastic housing, splash proof. Voltage supply 230 V or 110V AC, 50–60 Hz, 15 W. In carrying bag. Choice of exchangeable camera heads with special color camera, high resolution special camera black and white or high resolution special color camera. Choice of 20 m push cable with length marks in cable carrier or 30 m push cable with length marks in pivoted cable carrier.

Description	Version	Art.-No.	
Set 20 Color K	Exchangeable camera head with special color camera. 20 m push cable with length marks. In cable carrier.	173050	
Set 30 Color H	Exchangeable camera head with special color camera. 30 m push cable with length marks. In pivoted cable carrier.	173051	
Set 30 b/w H	Exchangeable camera head with special high resolution black and white camera. 30 m push cable with length marks. In pivoted cable carrier.	173052	
Set 30 S-Color H	Exchangeable camera head with special high resolution color camera. 30 m push cable with length marks. In pivoted cable carrier.	173053	



Accessories

Description	Art.-No.	
REMS Orcus Color Basic Controller unit in micro processing technology, 5,6" TFT-color display, video connection PAL, in sturdy, shock resistant plastic housing, splash-proof. Voltage supply 230 V or 110V AC, 50-60 Hz, 15 W. In carrying bag.	173010	
Exchangeable camera head Color with special color camera and connection for push cable.	173040	
Exchangeable camera head b/w with special high resolution black and white camera and connection for push cable.	173041	
Exchangeable camera head S-Color with special high resolution color camera and connection for push cable.	173042	
Exchangeable cable set 20 K 20 m push cable with length marks, with connections for controller unit and camera head. In cable carrier.	173043	
Exchangeable cable set 30 H 30 m push cable with length marks, with connections for controller unit and camera head. In pivoted cable carrier.	173044	
Centering guide Ø 62 mm, pair	173015	
Centering guide Ø 100 mm, pair	173014	
Protection cap with mineral glass pane	173126	
Extension cable controller unit / camera-cable-set, 1.2 m long	173019	
Voltage supply for battery 12 V, without battery	173016	
Battery 12 V, 2.0 Ah	571510	
Rapid charger 230 V or 110 V, 50–60 Hz, 50 W	565220	
Voltage supply automobile 12 V	173017	
Carrying bag for controller unit, voltage supply and accessories	574436	

