Brilliant pictures and videos of pipes and drains

REMS CamSys 2

For pipes (40) 50–150 mm,
drains, chimneys, other cavities.

TFT-LCD colour display.
Voice recording.
Self-levelling camera.
Transmitter for tracking the camera head.
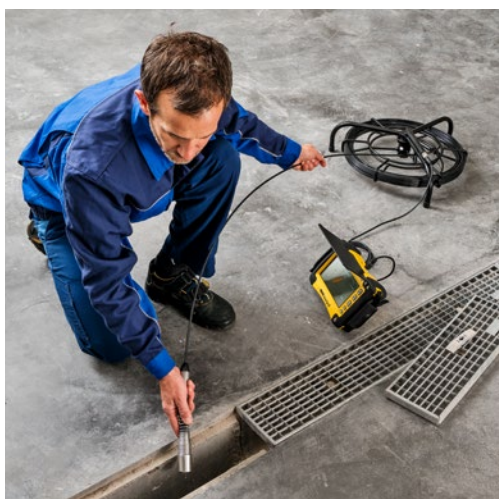SD card slot.
Electronic metering.
Cordless and mains operation.

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REMS CamSys 2

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REMS CamSys 2 – Brilliant pictures and videos of pipes and drains

REMS CamSys 2 is an ultra-light, handy camera inspection system for inexpensive inspection and damage analysis of pipes, drains, chimneys and other cavities as well as for inspection after pipe cleaning work and for acceptance of new installations or repairs. The self-levelling camera ensures upright photos and videos. A 33 kHz transmitter built into the camera serves for tracking the camera head. The hasp is equipped with electronic metering. The low weight of the controller unit of only 1.3 kg enables it to be used anywhere on site, even in very confined spaces. The 7" colour display with state-of-the-art TFT-LCD technology features brilliant photos and videos which can be saved with voice recording on an SD card for simple documentation of the inspection result. Suitable for battery and mains operation.

1 **Controller unit with TFT-LCD colour display**
Controller unit with 7" colour display with state of the art TFT-LCD technology for brilliant pictures and videos, 178 mm screen diagonal, 720 × 480 pixels.

2 Sturdy, impact-proof plastic housing, spray protected. Small dimensions: 270 × 164 × 70 mm.

3 Glare protection.

4 Integrated stand for different angles of inclination of the screen.

5 Ergonomic grips with soft-grip and adjustable clamping bands.

6 keys for picture and video, for one-hand operation by right and left handers.

7 Keys for setting the brightness of the LEDs of the colour camera head. Full screen, 2x zoom, 4x rotation options for the picture.

8 SD card slot.

9 Pictures and videos with voice recording can be saved on an SD card for simple documentation of the inspection result.

10 Insertion depth of the camera is stored in the picture and the video, optionally also date and time of the recording. Pictures can be taken during video recording without impairing the video recording. Immediate playback of saved recordings or transmission to other devices with SD card. Pictures can also be taken later from the video during playback of recorded videos on the controller's colour display.

11 Controller unit connected to the camera cable set by a 2 m connecting cable, removable for easy cleaning of the camera cable set.

12 Plug-screw connections for changing the camera cable sets and the controller unit without tools.

13 USB connector for direct connection to PC or laptop.

14 Video output socket Composite-Video PAL/NTSC for connecting an external monitor.

15 Connection for voltage supply/charger 100 – 240 V.

16 **Li-Polymer Technology.**
Controller unit with integrated Li-Polymer battery 3.7 V, 7.6 Ah. Powerful and light. Power supply/charger 100 – 240 V, 50 – 60 Hz, 15 W, with USB port and USB cable for connecting power supply/charger, laptop or other voltage supply. No memory effect for maximum battery performance.

17 **High resolution special colour camera**
High resolution special colour camera with CMOS image sensor and ultra bright, white light emitting diodes (LEDs) with adjustable light intensity up to 1700 mcd and concentrated radiation angle for brilliant colour pictures with evenly bright illumination. Low light requirement due to very high light sensitivity (0.1 lux).

18 Fixed focus and special lens with 90° wide angle, also for detecting the smallest details.

19 **Interchangeable camera cable sets**

20 Connection for controller unit. Very small, rounded camera head, water-proof up to 20 m (0.2 MPa/2 bar/29 psi) and highly flexible sliding spring tapered towards the push cable for effortless feeding even through several pipe bends.

21 **Camera cable set S-Color S and camera cable set S-Color S-N**
With 33 kHz transmitter for tracking the camera head.

22 **Camera cable set S-Color S-N**
Additionally, with self-levelling camera for upright photos and videos.

23 Camera head with strong, quick-change protective cap with inserted mineral glass pane.

24 Bend-manoeuvring push cable in hybrid technology, with glass fibre core, data cables and plastic sheath, very stable, for long life.

25 Robust, powder-coated, easy to clean cable reel.

26 Hasp with rotary cage for simple unwinding and winding of the push cable and integrated sensor for electronic metering.

27 **REMS Explorer** for localising a camera head with a 33 kHz transmitter, for determining the position of damages or the course of a pipe, as an accessory.

REMS CamSys 2

REMS CamSys 2 Set S-Color. Electronic camera inspection system for low-cost inspection and damage analysis. Documentation of pictures and videos with voice recording on SD card with specification of date and time. Controller unit in microprocessor technology with 7" TFT-LCD colour display, SD card slot, USB port, video out socket PAL/NTSC, integrated Li-Polymer battery 3.7 V, 7.6 Ah, in sturdy, impact-proof plastic housing, spray protected, glare protection, stand. 2 m connecting cable from the controller unit to the camera cable set, voltage supply/charger 100–240 V, 50–60 Hz, 15 W, SD card 4 GB, USB cable, video cable, in sturdy case. Camera cable set S-Color with high resolution special colour camera with CMOS image sensor and push cable.

REMS CamSys 2 Set S-Color 10 K
High resolution special colour camera Ø 25 mm, 10 m push cable Ø 4.5 mm with length mark, very flexible, in the cable reel. For small pipe diameters and narrower pipe bends Ø (40) 50–150 mm, drains, shafts, stacks and other cavities.

Art. No. 175301 R220

REMS CamSys 2 Set S-Color 20 H
High resolution special colour camera Ø 25 mm, 20 m push cable Ø 4.5 mm, very flexible, in the hasp with electronic metering. For small pipe diameters and narrower pipe bends Ø (40) 50–150 mm, drains, shafts, stacks and other cavities.

Art. No. 175302 R220

REMS CamSys 2 Set S-Color S 30 H
High resolution special colour camera Ø 25 mm, 33 kHz transmitter for localising the camera head, 30 m push cable Ø 5.4 mm, flexible, in the hasp with electronic metering. For pipes Ø 50–150 mm, drains, shafts, stacks and other cavities.

Art. No. 175303 R220

REMS CamSys 2 Set S-Color S-N 30 H
High resolution special colour camera Ø 33 mm, self-levelling, 33 kHz transmitter for localising the camera head, 30 m push cable Ø 5.4 mm, flexible, in the hasp with electronic metering. For pipes Ø 70–150 mm, drains, shafts, stacks and other cavities.

Art. No. 175304 R220

Accessories

Camera cable set S-Color 10 K
High resolution special colour camera Ø 25 mm, 10 m push cable Ø 4.5 mm with length mark, very flexible, in the cable reel. For small diameters and narrower pipe bends Ø (40) 50 – 150 mm. Art. No. 175305 R

Camera cable set S-Color 20 H
High resolution special colour camera Ø 25 mm, 20 m push cable Ø 4.5 mm, very flexible, in the hasp with electronic metering. For small diameters and narrower pipe bends Ø (40) 50 – 150 mm. Art. No. 175306 R

Camera cable set S-Color S 30 H
High resolution special colour camera Ø 25 mm, 33 kHz transmitter for localising the camera head, 30 m push cable Ø 5.4 mm, flexible, in the hasp with electronic metering. For Ø 50 – 150 mm. Art. No. 175307 R

Camera cable set S-Color S-N 30 H
High resolution special colour camera Ø 33 mm, self-levelling, 33 kHz transmitter for localising the camera head, 30 m push cable Ø 5.4 mm, flexible, in the hasp with electronic metering. For Ø 70 – 150 mm. Art. No. 175308 R

Guide body Ø 62 mm S-Color/S-Color S,
for camera head S-Color/S-Color S Art. No. 175057 R

Guide body Ø 100 mm S-Color/S-Color S,
for camera head S-Color/S-Color S Art. No. 175058 R

Guide body Ø 62 mm S-Color S-N,
for camera head S-Color S-N Art. No. 175343 R

Guide body Ø 100 mm S-Color S-N,
for camera head S-Color S-N Art. No. 175339 R

Protective cap S-Color/S-Color S with mineral glass pane,
sealing ring, for camera head S-Color/S-Color S Art. No. 175026 R

Protective cap S-Color S-N with mineral glass pane,
sealing ring, for camera head S-Color S-N Art. No. 175330 R

REMS Explorer, tracker for localising a camera head
with a 33 kHz transmitter Art. No. 175312 R

Case with inlay Art. No. 175323 R

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