

A stylized line art illustration of a lion's head, facing right, composed of various geometric shapes and lines. It occupies the left side of the page.

LEO[®] SYSTEM

The first battery operated
Full-HD video inspection system for
pipes and sewers with innovative
SmartCore[®] technology

kiCAM[®]

LEO®

THE FIRST BATTERY OPERATED FULL-HD VIDEO INSPECTION SYSTEM FOR PIPES AND SEWERS WITH INNOVATIVE **SMARTCORE®** TECHNOLOGY

With the market launch of LEO®, KiCam presents a completely new concept for the video inspection of pipes and sewers. Thanks to the innovative SmartCore® technology, absolutely smooth and delay-free transmission of all data and a crystal-clear image experience is possible. The system allows software control device operation with any standard mobile tablet that is connected to the Leo® system via USB interface and enables the operation of all functions, including standard-compliant documentation.

LEO® is the first of many new products from the KiCam SmartCore® family!



Full HD
1080



SELF-LEVELING FORWARD VIEW CAMERA



The FULL-HD axial camera with auto upright imaging and fixed focus for pipe diameters from DN50 to DN200 is made of high-quality aluminium and stainless steel. This ensures a perfect balance, best gliding properties and highest robustness. Various sensors integrated in the camera head support the user and help to create even better and more accurate documentation in the future with innovative software. The integrated technology includes a pressure sensor, a humidity sensor, different position sensors and a sensor for temperature measurement. The LED illumination with individually switchable light areas enables perfect illumination even in difficult conditions in the pipe (e.g. strong reflections due to moisture). Waterproof up to 1 bar. Different adapters are available for the pipe diameters DN100, DN150 and DN200, which perfectly place the camera head in the center of the pipe.



COILER



The coiler of the LEO® system with integrated SmartCore® technology stocks a semi-rigid, 50 meter push rod of highest quality for perfect image for perfect image transmission and optimum range in the sewer. A built-in sliding brake enables convenient one-man operation. Thanks to the latest Bosch high-performance rechargeable batteries that are available worldwide, battery operation of up to 8 hours is possible. An information display, self-explanatory control buttons and an Integrated locating device in the camera connector with 512/640 Hz and 33 kHz for all common locating systems worldwide complete the package.

smartcore®

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