

Sonde and pipeline locating system

vLocCam2



Advantages

- ▶ Directional compass for fast and precise location of camera heads or sondes
- ▶ Continuous depth measurement
- ▶ Passive frequencies (current and radio signal) to prevent cable damage
- ▶ Sunlight-compatible colour display



sebaKMT

Effective and efficient location of probes and camera heads

vLocCam2

vLocCam2

The vLoc Cam2 is the simplest and best value-for-money method for locating and measuring the depth of sondes or camera heads.

Even unpractised users can intuitively learn how to operate the entire location system, thus keeping training requirements to a minimum. The “directional compass” in particular makes the locating of sondes and camera heads very quick and easy.

The large colour display, which can also be read in direct sunlight, provides the user with all the important information at a glance.

Its broad frequency spectrum (512 Hz, 640 Hz and 33 kHz) enables it to locate all conventionally used sondes and camera heads.

After location of the probe, the system can be used in passive mode (current and radio signal) at the located position to find cables or pipes in order to prevent damage to them while digging.

This makes the vLocCam2 a fast and reliable solution for your day-to-day locating tasks.



Technical data

Frequency range	Passive: current, radio Active: 512 Hz, 640 Hz and 33 kHz
Weight	2.1 kg
Depth measurement	0 to 10 m (depending on the signal strength)
Operating time at 21 °C	approx. 6 h (batteries), approx. 40 h (Li-ion rechargeable batteries)
Power supply	Li-ion rechargeable battery system, plus 6 x 1.5 V AA alkaline batteries
Temperature range	-20 °C to +50 °C (operation), -40 °C to +60 °C (storage)
Dimensions (W x H x D)	262 x 122 x 639 mm
Protection class	IP 54

Camera location

Conduit inspection cameras send an active frequency (640 Hz, 512 Hz or 33 kHz) by means of a built-in transmitter. The vLocCam2 receives this and identifies the exact position (depth and location) of the camera head.



Simple probe location

Use of the directional compass enables the probe to be found quickly and precisely, and minimises the risk of mislocation.

1st step:

Follow the display by always setting the compass to the 12 o'clock position. The receiver guides you in an arc directly to the probe.

2nd step:

The “-” button is used to initiate the automatic adjustment. Once you are over the probe, the vLocCam2 shows the highest amplitude in the display.

3rd step:

The depth of the probe is continually shown in the display, and can be measured again at the push of a button.

Pig transmitter

SebaKMT pig transmitters are battery-powered mini-transmitters with a depth range of up to 7 m. Screwed onto a push cable, they are used for locating empty pipes or blockages.



The advantages at a glance

- ▶ Directional compass display for fast and precise location of sondes or camera heads
- ▶ Depth measurement measured continuously or at the touch of a button
- ▶ Passive frequencies (current and radio signal) to prevent line damage during excavation work
- ▶ Lightweight receiver (under 2.5 kg) makes for easier work
- ▶ 3 active frequencies (512 Hz, 640 Hz, 33 kHz) for locating all conventional sondes and camera heads
- ▶ Large, sunlight-compatible LCD colour display
- ▶ Automatic sensitivity control

Accessories



Probe accessories

MLS D18 - probe: battery-powered transmitter
Diameter: 18 mm
Length: 80 mm
Frequency: 33 kHz
Locatable depth: approx. 4 m
Batteries: 3 V, (SR44)
Operating time: approx. 10 hours

MLS D23F - battery-powered 3-section transmitter
Diameter: 23 mm
Length: 456 mm
Frequency: 640 Hz (optionally 512 Hz)
Locatable depth: approx. 7 m
Batteries: 1.5 V alkaline AA battery (can also be used for cast-iron pipes)
Operating time: approx. 12 hours

MLS D38 - probe: battery-powered transmitter
Diameter: 38 mm
Length: 105 mm
Frequency: 33 kHz
Locatable depth: approx. 5 m
Batteries: 1.5 V alkaline AA battery
Operating time: approx. 20 hours

MLS D64 - probe: battery-powered transmitter
Diameter: 64 mm
Length: 186 mm
Frequency: 33 kHz
Locatable depth: approx. 8 m
Batteries: 9 V block
Operating time: approx. 15 hours



MLS D18



MLS D38



MLS D64



MLS D23F

Fibre-optics location device with pig

GOK 50-R
Cable diameter: 4.5 mm
Head diameter 8 mm
Length: 50 m (other lengths on request)
Frequency: depends on generator
Locatable depth: depends on generator



GOK 50-R