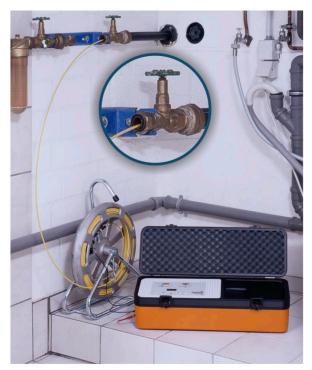




Glass-fibre Probe System

Glass-fibre probe system / Location of non-metallic pipes



Glass-fibre rod GSK / sluice / generator G1



Glass-fibre rod GFS

Because electrical current cannot flow through non-metallic pipes, additional equipment must be used to locate such pipes. Glass-fibre probes and mini pig transmitters are used for this purpose. The glass-fibre probe, containing a continuous length of copper, is inserted into the pipe section to be located, connected to the signal generator and traced using the FERROPHON®. With this method it is possible to follow the route of the pipe.

To detect the end-point of the glass-fibre rod a mini pig transmitter can be screwed onto the probe tip. This small, battery-driven transmitter generates an electro-magnetic alternating field which can be located with a pipe locator. Even the depth of a non-metallic pipe can be determined.

The mini pig transmitter may also be used without the glassfibre rod. This opens various operating modes in combination with pipeline cleaning pigs, sewer inspection cameras, etc.!

Typical use

- At water authorities
 - Detection of operating service pipes (with sluice) and main conducts
- · At gas suppliers
 - Detection of pipes out of operation
- In waste water networks
 - Sewers' routing, empty pipes, drainage pipes

Technical Data

- Glass-fibre rod GFS 100 m/6 mm
 (Length 100 m, rod diameter 6 mm; conductive glass-fibre rod, mounted on reel with 55 cm diameter, screwed-on brass ball)
- Glass-fibre rod GSK 60 m/4.5 mm
 (Length 60 m, rod diameter 4.5 mm; conductive glass-fibre rod, mounted on reel with 45 cm diameter, screwed-on brass ball)
 Especially suited for narrow radia.

Accessories



Mini pig transmitter "A", water-proof (16 bar) pig transmitter for the exact determination of the end-point of the glass-fibre rod, detectable up to approx. 5 m depth. Frequency "A" resp. 42 kHz, approx. 10 h operating time.

This mini pig transmitter can only be used in combination with the FERROPHON® system (receivers EL, ELH, AF 100). Can be screwed-on to all glass-fibre rods. Length approx. 110 mm, diameter 15 mm.



Sluices for glass-fibre rod GFS (6 mm) or GSK (4.5 mm), to insert the glass-fibre rods into pipes under pressure (e. g. house service lines).



Terminal part of spring screw-on, especially suited for narrow pipe radia.

Please contact us for a comprehensive quote, including additional technical specifications and information on accessories. 103485 – 11/2014 – Subject to change.