

IBAK Helmut Hunger GmbH & Co. KG is a world-wide leading manufacturer and supplier of sewer inspection and rehabilitation systems.

The first TV system was designed by IBAK engineers in 1955 for marine research, for this commercially available cameras were installed in a watertight housing. So, know-how and experience with watertight cameras were already available when soon after this the idea for the TV inspection of sewers was born. Being an innovative pioneer of the sewer industry, IBAK shows high competence in providing solutions and readiness for innovations with high quality standards.

Microlite

IBAK Microlite is a compact push rod camera system for pipeline inspection. It features an Ease of operation by a 10 inch touchscreen display. Thanks to intuitive menu guidance the system can be reliably Operated after only a short period.

- Available in fixed and changeable pushrod camera configuration with 30 m and 70 m range respectively.
- For Areas with DN 50 above with fixed, and DN 70mm above in changeable pushrod camera system with pushrod diameter of 12 mm and 8.6 mm respectively.
- Text input or storage of photos and video files (MPEG 4 AVC/H264) on the integrated PC, data exchange via USB 3.0.



MiniLite

IBAK MiniLite is a compact push rod camera system for inspection designed to cover as wide range of applications as possible thanks to its modular extendibility and extensive accessories. It features an Ease of operation by a 10inch touchscreen display and optionally also with one or Two joysticks. The Minilite system has an exchangeable coiler drum



- Available in fixed pushrod camera configuration with 80 m, with exchangeable coiler unit.
- For Inspection areas with DN above 70mm.
- Text input or storage of photos and video files (MPEG 4 AVC/H264) on the integrated PC, data exchange via USB 3.0.

Aspecta

The Aspecta is a manhole zoom camera (also known as an electronic sewer mirror) with which you can inspect associated sewers from the manhole without having to go down in it.

- For an inspection area with DN 150mm -1200 mm.
- Camera Dia. 123 mm, length 136 mm.
- 30x digital 32x optical zoom.
- Bipod for easy handling.
- Telescopic rod length 1.9 m to 8 m / 1.95 m to 10 m (optional).
- With 90° upwards & 60° downwards panning range.





A new compact camera tractor system from Ibak, available for both vehicle installation and a portable system offering a unique price to performance ratio. The Mainlite is a versatile System for the inspection of main sewers having diameter 100mm to large main pipes.

- An effective Cable range from 150m-300 m.
- 10-inch touch screen display controller with 2 joysticks.

Technical System Data

| Cable winch | MainLite Fit | MainLite Solid | MainLite Easy |
|---------------------------|--|--|---|
| Product classification | Cable winch | Cable winch | Cable winch |
| Deployment range | DN100 upwards | DN100 upwards | DN 100 upwards |
| Max. cable length | 200 m | 300 m | 150 m |
| Width x height x depth | 360 x 410 x 650 mm | 430 x 410 x 650 mm | 420 x 660 x 770 mm |
| Weight | approx. 44 kg with cable, mobile rack approx. 12 kg | approx. 54 kg with cable, mobile rack approx. 12 kg | approx. 41 kg w/o BP100, approx. 45 kg with BP100 |
| Length measurement | yes | yes | yes |
| Motor-driven | yes | yes | yes |
| Cable level wind assembly | yes | yes | no |
| Remote control | no | no | no |
| Protection class | IP55 | IP55 | IP55 |
| Emergency stop | yes | yes | no |
| Combinable with | | | |
| IBAK cameras | NANO (L), ORION 3 SD/HD (L), ORPHEUS 2/3, ARGUS 5 | | |
| IBAK-cutters | MicroGator Air | MicroGator Air | – |
| IBAK camera tractor | T66, T76 | | |

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