IBAK LISY

Lateral Inspection Systems
For operation in 150/200 mm (6/8 in.) pipes upwards
Inspection of laterals from main-line sewers
Pan and rotate satellite camera
Optionally JUNO, ORION, ORION L
MODULAR II compatible
**IBAK LISY** are satellite systems for the inspection of branch sewers and laterals from mainline pipes. A remote-controlled camera tractor carries the pan and rotate control head with the lateral camera through the mainline pipe up to the lateral entrance. The camera of the IBAK LISY system can be pushed up to 33 m (107 ft.) into the lateral with the pushrod. In small and medium sized pipes, the IBAK LISY 150 is used. The articulated joint of IBAK LISY 150 facilitates introduction into small manholes. With the quick-action fastener, the cameras can be rapidly exchanged. The lateral inspection system is connected to the vehicle control centre via two cables installed on an electric or manual winch.

**System Technical Data:**

**IBAK LISY 1.2**
- For operation in 200 mm (8 in.) pipes upwards, travelling distance in mainline pipes approx. 100 m (330 ft.), inspection distance of up to 33 m (107 ft.), in 100 mm (4 in.) laterals upwards
- Length / width / height : approx. 1000/150/165 mm (39.4/5.9/6.5 in.)
- Weight: 50-80 kg
- Protection class / pressure rating: IP 68/0.2 bar
- Folding connector
- Rotate range: 240°, Pan range: 45°
- Propulsion speed: 2 m (6.5 ft.) /min

**IBAK LISY 150**
- For operation in 150 mm (6 in.) pipes upwards, travelling distance in mainline pipes approx. 100 m (330 ft.), inspection distance of up to 33 m (107 ft.), in 100 mm (4 in.) laterals upwards
- Length / width / height : approx. 980/115/68 mm (38.6/4.53/2.68 in.)
- Weight: 26 kg
- Protection class / pressure rating: IP 68/1 bar
- Pressure monitoring with LCD indicator and acoustic warning
- Folding connector
- Rotate range: 180°, Pan range: 45°

**Accessories:**
- Wheel sets / pneumatic tyres
- Cleaning hose (LISY 150)
- Colour control camera FK40C for 300 mm (12 in.) pipes upwards
- Ancillary light ZSW 2.2 for 300 mm (12 in.) pipes upwards

**Subject to modification**