

Features of remote-controlled rover with accessories

ADX-2.1

Technical parameters:

- Dimensions of body: 174 x 230 x 115 mm (width x length x height)
- Weight: 7.4 kg
- Control cable with cut resistance of up to 100 kg with no need for additional tow cable
- Self rotating color cameras with resolution of 550 lines and sensitivity from 0.05 lux
- TV-cameras tested under gamma dose rate of 4.5 Gy/hour, at total gamma dose over 260 Gy
- Adjustable lighting with continuous intensity range
- Pull out/ back grip equipment for foreign object manipulation with weight of up to 200 g
- Possibility of mounting optional superstructure onto the rover
- Stainless steel & waterproof construction
- Surface of the rover is easy to decontaminate
- Easily replaceable wheels + spare sets of wheels
- Controllable speed of up to 3.5 m/min
- 50 m control cable on a cable reel
- IP68 enclosure, waterproof up to 20 m depth
- Tracking of travelled distance
- Tilt sensor
- Internal and external temperature measurement
- Dose rate sensor integrated in the rover, scale 0.1-1000 mGy/h
- Rover tightness signalization
- 48 V DC power supply
- Stand-alone storage cases for contaminated rover and spare wheels

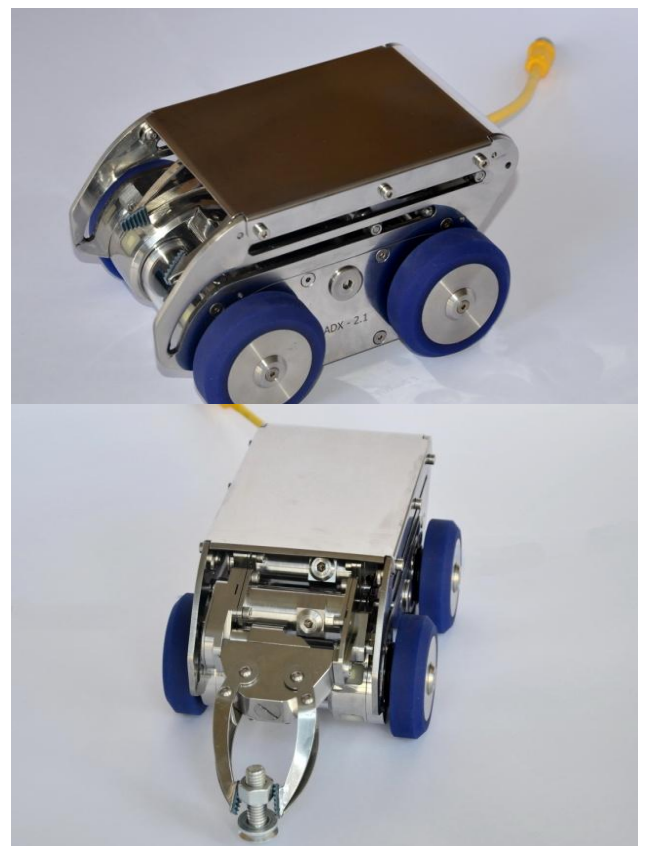
Separate case with built-in control panel:

- Touch LCD monitor
- Video recording, picture snapshot
- Joystick controller, lights controller, grip equipment controller
- 230V 50Hz power supply (optional battery supply)
- Case dimensions: 400 x 400 x 200 mm
- Weight: 15 kg



Possible applications:

- Visual inspection of pipes and reactor vessel under water
- Extraction of foreign objects
- Sampling & cleaning
- Operation in pipes with internal dimension of at least 200 mm
- Work in environment with radioactive substances



Storage:

- Portable lockable aluminum box which can fit complete equipment set

Additional items:

- 2-year warranty
- Operators' training