

Video surveillance and pipeline stripping complex

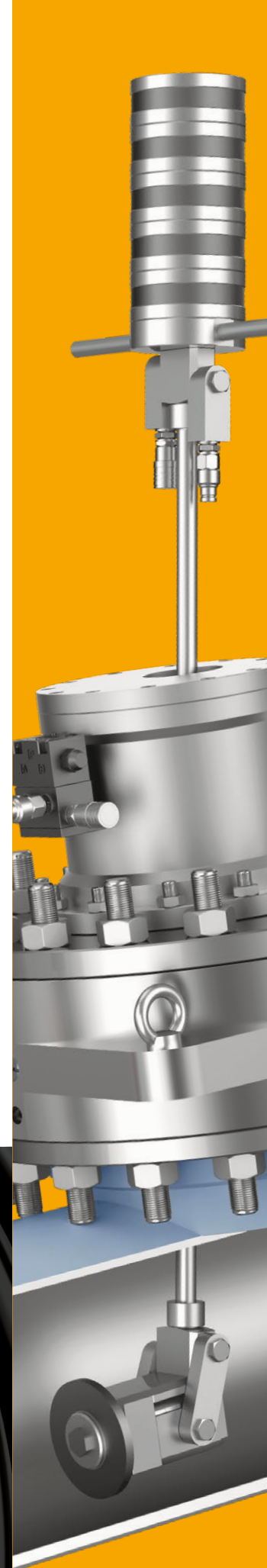
Purpose:

- performance of work on gas pipelines with a working pressure of up to 2.4 MPa and a diameter of 108-820 mm in order to clean the inner surface of the pipe and provide visual control with the ability to record the process
- the possibility of equipping equipment with video cameras to control the movement of mechanisms and elements into the pipeline under pressure
- video diagnostics allows you to diagnose a blockage or defect in the pipeline and significantly reduces the time for construction and repair work
- at all stages, video surveillance is recorded with the ability to transfer all information to form a technical conclusion



Video surveillance system

weld joints stripping system

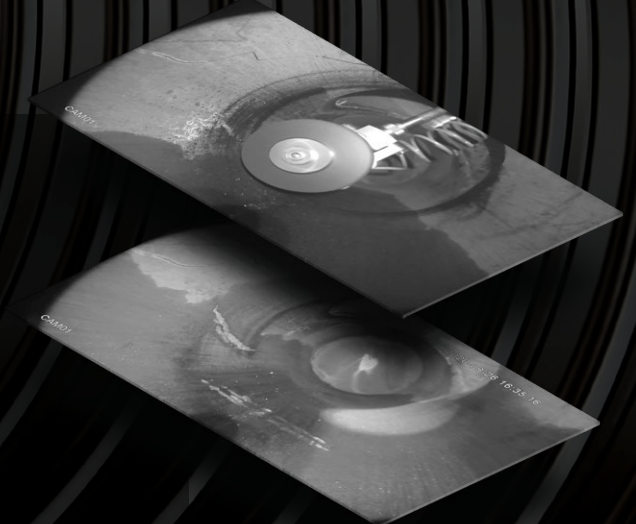


VIDEO SURVEILLANCE
AND CONTROL DEVICE
VSCD

SYSTEM FOR CLEANING
THE INNER CAVITY OF THE PIPE
UNDER PRESSURE

OPT

up to **2.4 MPa**



www.mtools.ru



Sovetskaya street, 35,
Balashikha city, Moscow region,
Russia

+7 (495) 129-05-62
+7 (495) 988-74-55

Export department:
+7 (921) 303-28-89
Mr. Dmitry Smirnov

e-mail: ds@mtools.ru
www.mtools.ru





Application: under pressure up to 2.4 MPa on diameters from 108 mm to 820 mm, maximum information content of the work process, the ability to equip all equipment with video surveillance cameras, possibility of equipment of devices in accordance with the technical specifications of the Customers.

The presence of high-definition cameras and a Full HD monitor allows you to:

- determine the damage to the internal cavity of the pipe;
- choose a more suitable place for tapping into the pipeline;
- control the process of tapping, operation of mechanisms or cleaning of defects in internal welded joints of pipelines;
- installation and input / output of the device is carried out through the fitting DN 25.

Standard size range, mm	108-325 377-530 620-820
Working pressure, MPa	2.4
Camera stroke	Depending on the system size
Monitor	capacitive 17.3"IPS monitor, 1920 x 1080 pixels
Matrix resolution, pixel	1920x1080
Supply voltage, V	110 to 240 AC 10 to 30 DC
Battery life, h	4
Video recording	AVI, MP4, H26X
File transfer	Wi-Fi, USB, Ethernet

The pipeline stripping system is equipped with a camera located directly on the stripping device. This technology allows, together with the video surveillance complex, to fully control the technological process of cleaning the inner walls of the pipeline.

The presence of high-definition cameras and a Full HD monitor allows you to:

- to carry out address-point processing of the inner cavity of the pipe;
- to carry out additional visual control of the cleaning site;
- reduce the time for elimination of defects in internal welded joints of pipelines.

Working fluid	Hydraulic oil
Working stroke of the rod, mm	Depending on the size systems
Standard size range, mm	219-325
Working pressure of the pipeline, MPa	377-530
Working pressure of the drive, MPa	1.6
Drive unit	14
Control	hydraulic
Maximum speed rotation, rpm.	manual 3000