

DEVICES FOR INSPECTING THE CONDITION OF RUST PROTECTION OF UNDERGROUND PIPELINES



Areas of Application

The equipment is to be used for ongoing control and diagnostics of the condition of insulation and electrochemical protection, detection of corrosion sites without earthworks, survey of in hard-to-reach places, and identification of places, direction, and depth of underground facilities by the contactless method

Specification

The equipment consists of the following devices: a pipeline finder for indicating the AC magnetic field direction; a depth meter for measuring distance to axis of underground pipelines; a voltmeter for measuring voltage drop and for monitoring the condition of electrochemical protection; and contactless current meters for determining current distribution among coils and sections of gas pipelines and for detecting damaged insulation

Advantages

The devices that complement each other enable to combine and to adjust them depending on specific facilities to be inspected and operating conditions

Stage of Development. Suggestions for Commercialization

IRL7, TRL8
Manufacture, delivery, warranty service of equipment, and staff training, upon request

IPR Protection

IPR2, IPR3

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