

TECHNICAL CHARACTERISTICS

ROBOSCOPTM-5000/FAUST - system for providing television and ultrasonic testing of angular welded joints of branch pipes (pipe tees).

Characteristics	Value
Testing of pipe tees diameters, mm	192-462 (from 70 to order)
Scanning speed, mm/s	20-100
Step of adjustment of speed of speed of moving, mm/s	1
Depth of subsurface defects detection, mm	from 0,1
Minimal area of the subsurface defects detection, mm	from 2,0
Input range of ultrasonic waves, deg	0-90
Quantity of independent ultrasonic channels	16-128
Operating frequency range, MHz	0,3-20
The range of amplification, dB	up to 80
Resolution in the VMT in the testing zone under static/dynamic modes, not less than, TVL	500/450
Illumination in the testing zone, lx	0-5000
Cable lenght of the connecting the remote control unit to the scanning device, m	10
Interface	LAN
Degree of protection of remote-control block	IP 54