

Control in a real time

Hot surface can be controlled

The system has protection against dust and water, IP67

The speed of control is up to 1 m/min

Image quality classes by ISO 10893-7 - B

Measurement of defects from 150 μ m

Radiation safety: at the distance of 40 meters - background radiation is 1 μ Sv/h

The system is operated by Wi-Fi up to 100m

Universal filmless automated X-Ray system "BARS"

for radiographic testing of welded joints with a diameter of:

\varnothing 10 - 108 mm "ellipse" method

\varnothing 114 - 530 mm automated DW method

\varnothing 530 - 1420 mm semi-automated DW method

\varnothing 530 - 1420 mm SW method



DW double wall method



SW single wall method



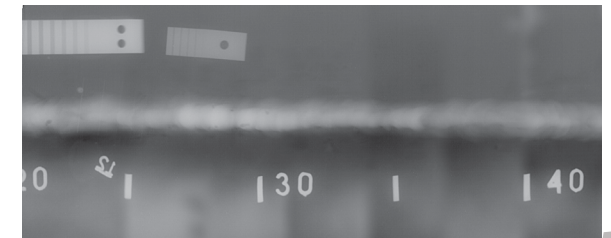
Resolution capacity is 130 μ m by Duplex IQI EN 462-5

Temperature range of work is from -40 to +40 $^{\circ}$ C

Carriage with the detector module weight is 7 kg, power supply is 14 kg

Any X-ray source up to 250 kV can be used with the system, radionuclides may also be used

\varnothing 159x6mm - U=125 kV, I=1.5 mA, T=1 min.



Highly sensitive detector allows to use smaller anode voltage of the X-Ray tube.

Automatic correction of the carriage movement along the trajectory.

x2 Control time may be shortened if 2 carriages are used at the same time.

Invisibilem videre