

Technical data

ROWA™ Ux

Test objects:	<ul style="list-style-type: none">• Metal bars
Test diameter range:	<ul style="list-style-type: none">• Round D 6–260mm• Square and hexagonal up to w=50mm
Test speed:	<ul style="list-style-type: none">• Up to 120m/min
Detection capability:	<ul style="list-style-type: none">• Flat bottom hole $D \geq 0.7\text{mm}$• Side drilled hole $D \geq 0.3\text{mm}$• Surface notch $t \geq 0.1\text{mm}$• Untested ends down to 30mm• Deviating requirements on requests

Options

- Pre-wetting and cleaning system
- Reference standard manipulator for fully automated sensitivity adjustment
- Reference standards

Compliant to quality standards:

- AMS2154, class AA
- NADCAP
- EN ISO 18563-1
- All leading automotive and aero end-user specifications

USIP|xs Phased Array Instrument

Transmitter:	<ul style="list-style-type: none">• 25 V to 180 V supply voltage adjustable in 5 V steps• Max. PRF 20 KHz
Receiver:	<ul style="list-style-type: none">• 0.5 – 15 MHz bandwidth• 0 – 96 dB dynamic range per channel
Digitizer:	<ul style="list-style-type: none">• Sampling frequency of 50 MHz• Up sampling to 400 MHz
Phased Array capability:	<ul style="list-style-type: none">• 2 parallel phased array probes — supported by 128 elements each — both of which can connect to the instrument for a maximum of 256 elements.• Up to 4 parallel apertures, sized from 1 to 32 elements, for each phased array probe

Contact us to learn more about how we can make our platform work for your needs. You can contact your sales professional, reach out to our customer care team at uttm.service@bakerhughes.com or find contact information specific to your global location at waygate-tech.com.

Waygate Technologies, formerly GE Inspection Technologies, is a global leader in NDT solutions with more than 125 years of experience in ensuring quality, safety and productivity.