# A1020 MIRA LITE

- Real-time B-scan image
- New generation of wear-proof DPC transducers
- Outstanding near-field resolution
- Optional Full-3D acquisition mode

Visualization by INTROVIEW®

- Integral assessment by 3D imaging
- Novel crack sizing functionality

## SPECIFICATION

| | |
|---|---|
| Number of transducers in antenna | 32 (8 grupps x 4 elements) |
| Measuring range | 10 to 1.000 mm* |
| Time of continious operation | up to 16 hours** |
| Analogue band width | 10 to 100 KHz |
| Nominal transducer frequency | 50 KHz |
| Safety rated | IP54 |
| Physical size of transducer array: | 220 x 110 x 90 mm |

## FEATURES

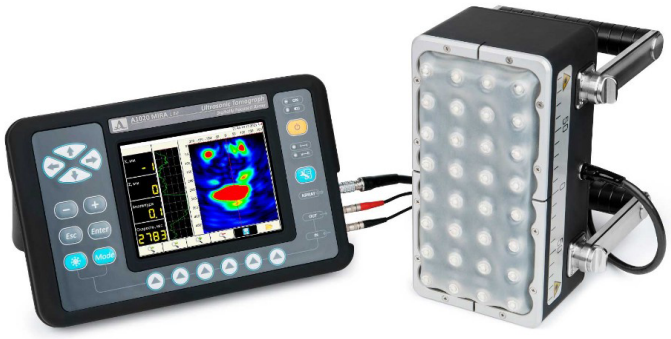
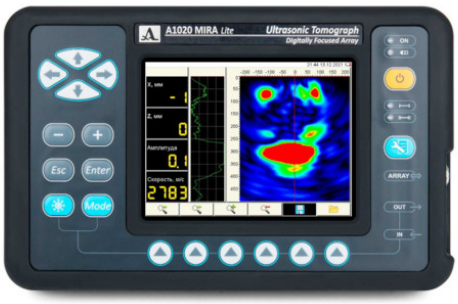
- Lightweight antenna array for longstanding on-site operation
- Real-time B-scan with FRR up to 10 Hz
- German TÜV certified methodology for reinforcement and duct channels detection
- Novel crack-depth evaluation functionality
- Improved dust protection by durable membrane

## 3D SOFTWARE

- 3D-View modes:
  - ISO-Surface Texture Mapping
  - Maximum Intensity Projection
- 2D-View modes:
  - Panorama B-, C-, D-Scan Cutting plane / gated volume
- Compatibility with other ACS Instruments (A1220 MONOLITH, A1040 MIRA)

## DELIVERY KIT

- A1020 MIRA Lite Electronic Unit
- M4002 Antenna Array
- 220V/15V Power supply unit
- USB cable
- Checking sample
- Transport case
- Free Software INTROVIEW®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