

# We DEVELOP

## SMARTSCAN

Flexible scanner for easy and accurate acquisition with cost efficiency

Multi-method precision scanning system for small and medium parts with the best value-price ratio on market. Unlocked access to this technology to OEMs, NDT providers and university labs for better capabilities at any workload

### Benefits

#### Efficiency

- Increase inspection performance thanks to system's hardware & software precision
- Easy access to a high accuracy for quicker decision making and report
- Reach inspection industrial volumes thanks to automation of acquisition and analysis
- Keep workflow by avoiding water contamination thanks to water filtering system with UV light

#### Traceability

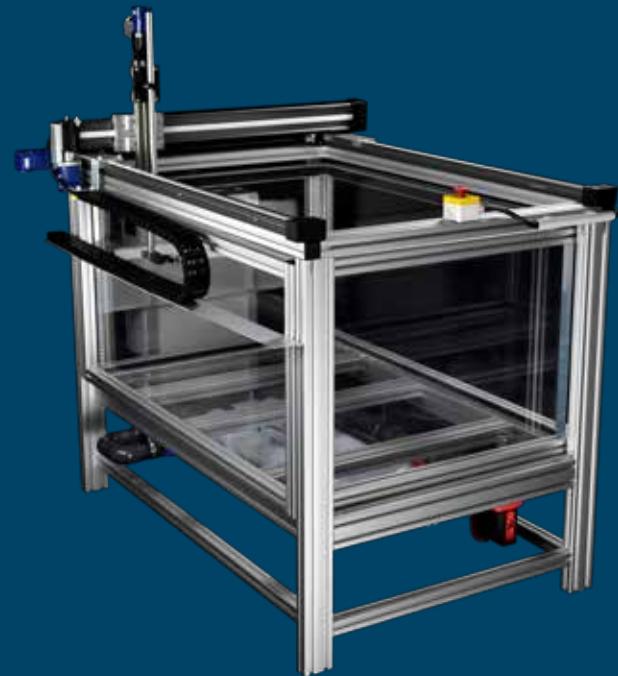
- Avoid dual entries and human errors thanks to automated reporting capabilities

#### Flexibility

- The easy-to-use software interface allows operators to focus on acquisition results and avoid unnecessary complexity
- Axes can be adjusted manually, boosting inspection speed with no precision loss

#### Reliability

- Keep cost efficiency thanks to maintenance free axes
- Easy to transport and maintain



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## Features

- High accuracy hardware and software
- Automated acquisition and analysis
- Water circulation system with UV lamp
- User friendly software interface
- Easy axis adjustment, either manually or software-based
- Automatic report generation
- Maintenance free axes

## Technical specifications

Aluminium frame

Size: 120 x 82 x 60 cm (other sizes available on request)

3 axis system

X, Y accuracy: 0.1 mm +/- 30µm

Z accuracy: 0.1 mm

Driven by two software applications:

Mechanical manipulation and trajectories

Free definition of scan area (complex meander)

Acquisition: A-scan, B-scan and C-scan

Range (1.0µs – 298µs @ 96MHz)

Digitizing frequency (96MHz, 48MHz, 36MHz & 24MHz)



### Materials:

Metallic and composite



### Running on:

UE1 Box: UT & ET  
U32 Box: UT & PAUT