

AK NDT & Industrial Supplies

PRODUCT PROFILE



AK NDT & Industrial Supplies

PRECISION BEYOND MEASURE

PRE/POST WELD HEAT TREATMENT

SR- LOW VOLTAGE



- Power Source available in 50 ,65 , 100 , 130kW
- Manual, PID & Auto Programmer mode
- Offering Full Range Of Accessories including Cables, Heating Elements, Recorders etc
- Can Customize as per Requirements
- Designed with Higher-Rated Components for Reliability, Safety in Rugged Environment

SR - HIGH VOLTAGE

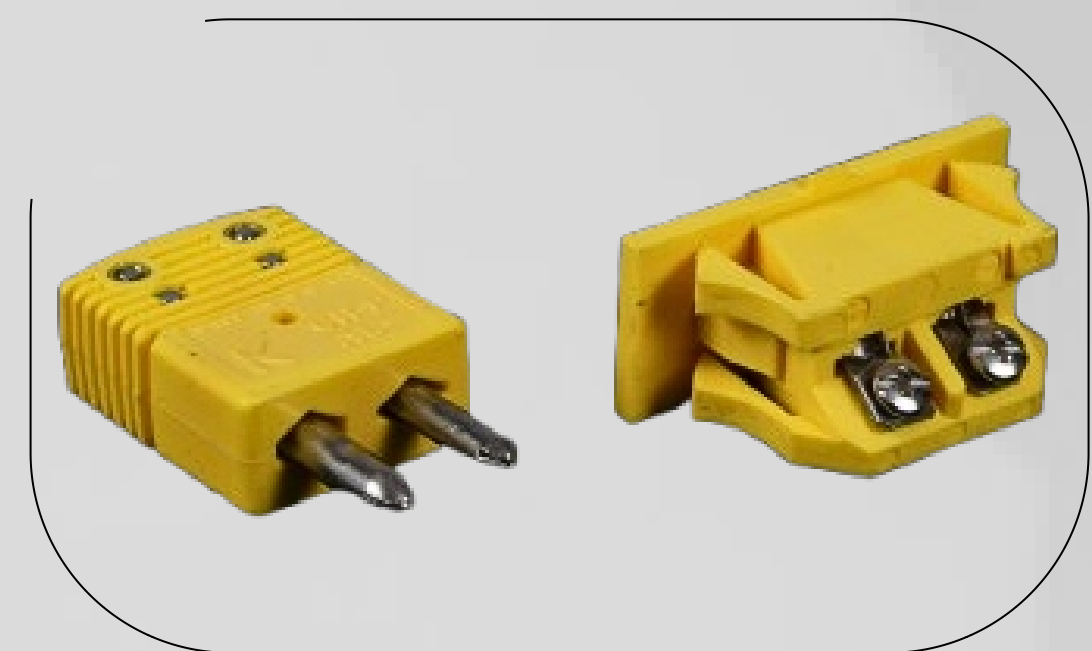
- PWHT Control Panel available in 3, 6 & 9 zones
- Modes: Manual & PID
 - Designed with higher rated components for Reliability, Safety, and Longer Operation
 - Digital Ampere Meters
 - Safety of components using Fuses and Isolation Transformer



INDUCTION METHOD



PWHT ACCESSORIES



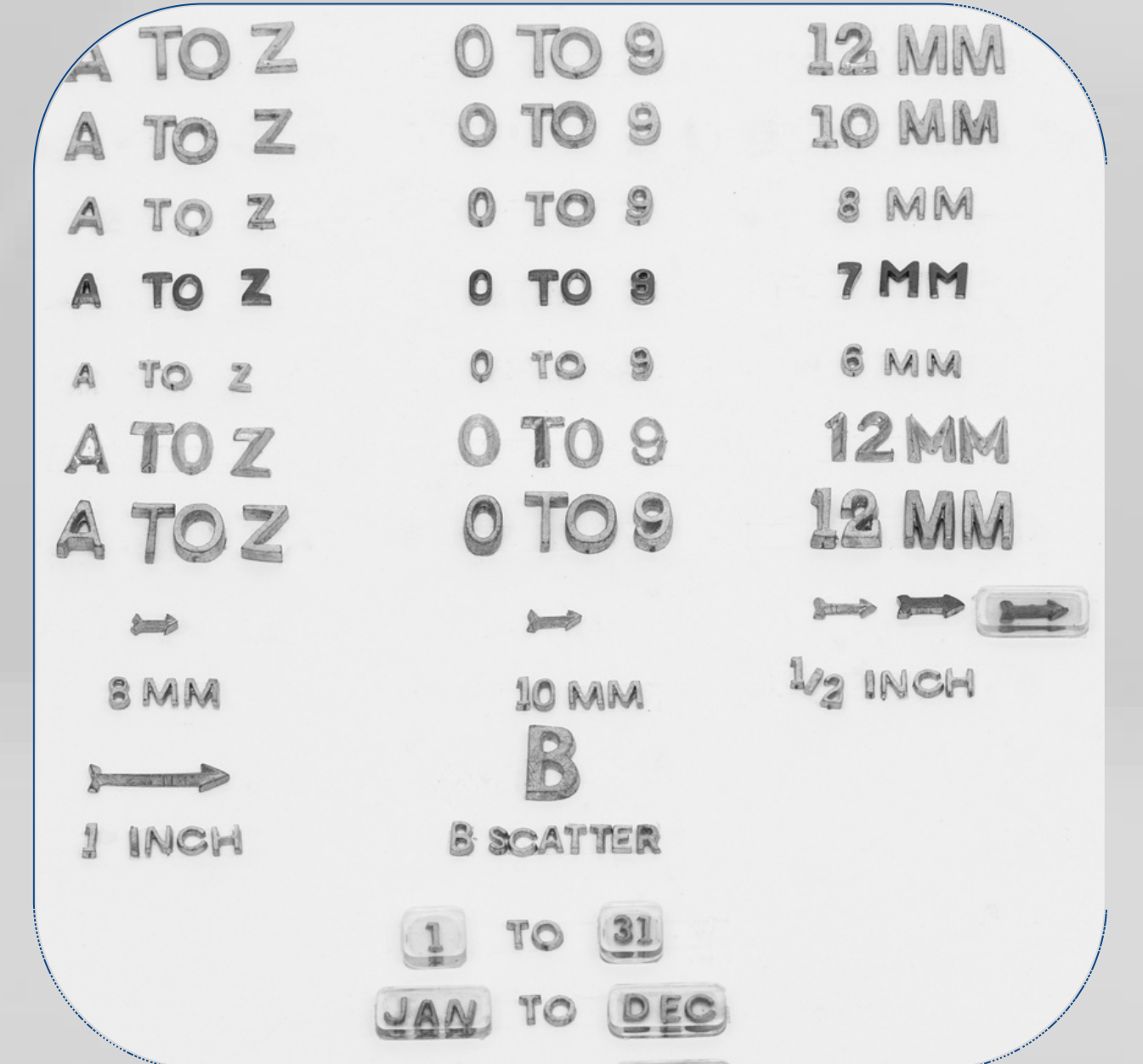
RADIOGRAPHY TESTING ACCESSORIES



LEAD MARKER TAPE



LEAD SCREEN



LEAD MAKER

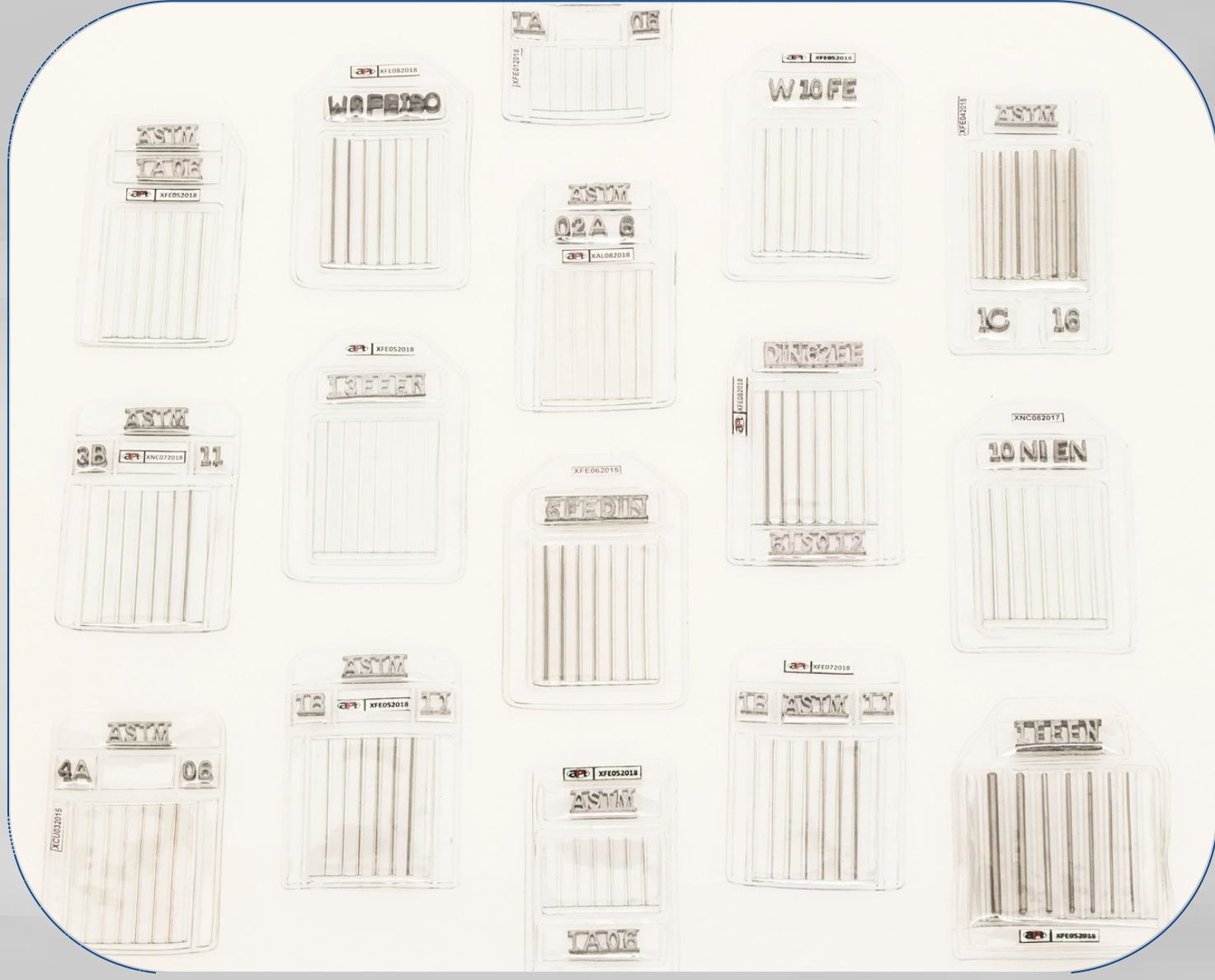


IMAGE QUALITY INDICATORS



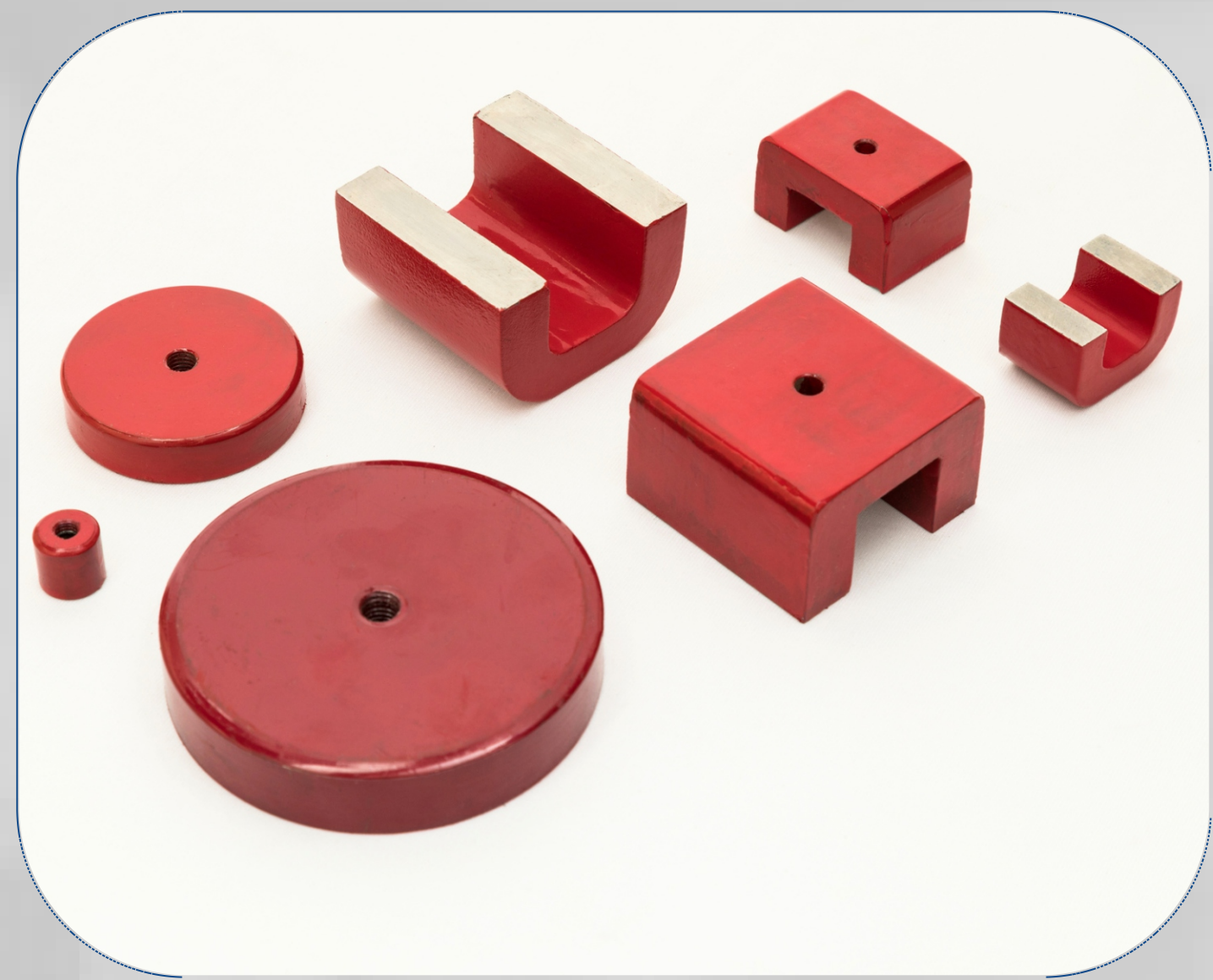
WIRE TYPE



HOLE TYPE



HANGERS



MAGNETS



PVC CASSETTE



CEE VEE TONG



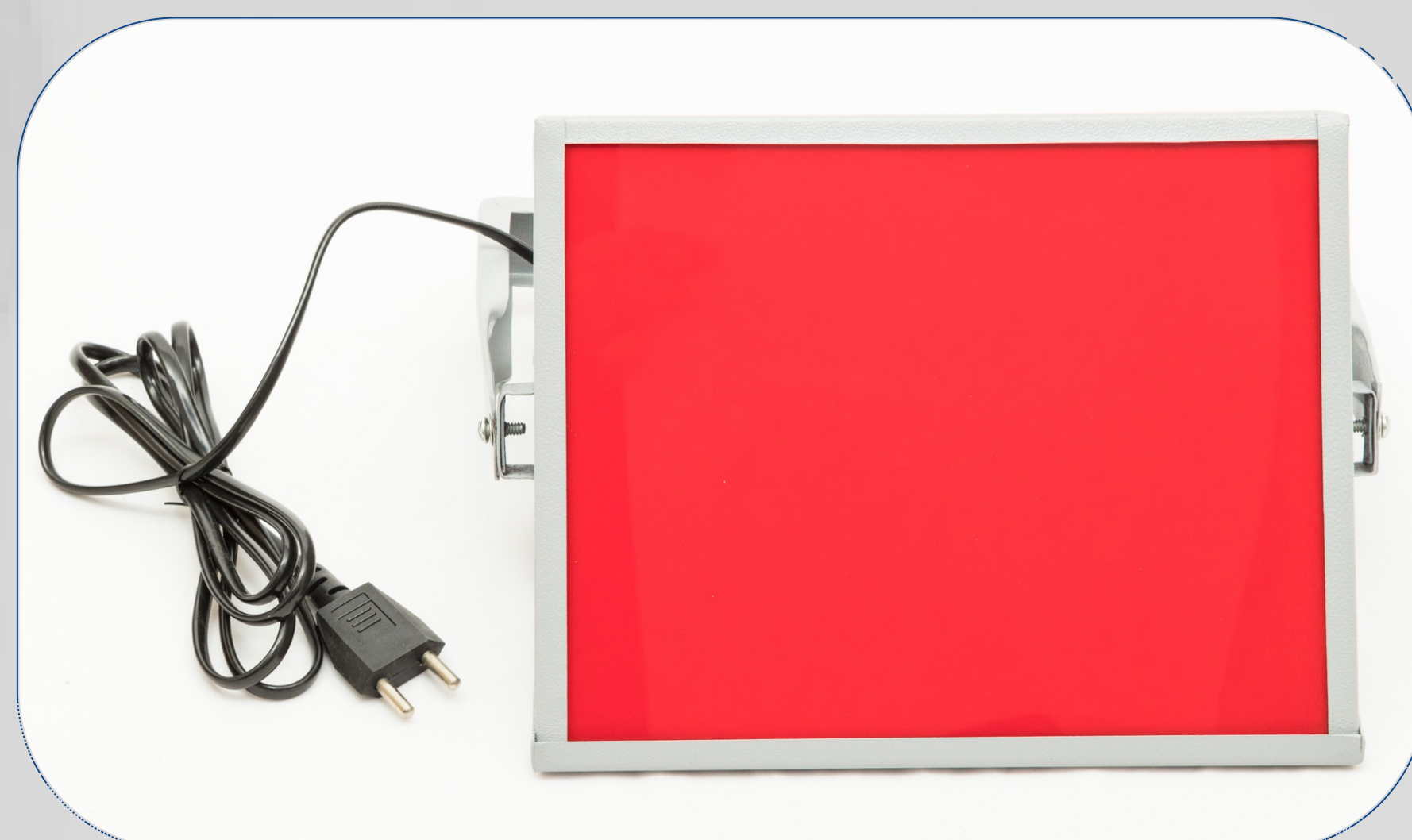
COLLIMATORS



FILM VIEWER



RADIATION WARNING SIGN BOARD



SAFE LIGHT



DEVELOPING TANK

DIGITAL RADIOGRAPHY TESTING

FLAT PANEL DETECTOR

- Better Resolution **up-to 75 Microns**
- Higher **Contrast for Better Detection**
- **Static & Dynamic Imaging**
- All the **Benefits of Digital Data Processing, Storage, and Transfer.**
- **Battery Operated for Field Inspection**
- **Rugged Case for all Weather Operations**
- **Lower Radiation Dose.**
- Available with all necessary accessories
- Available in **Multiple Sizes**



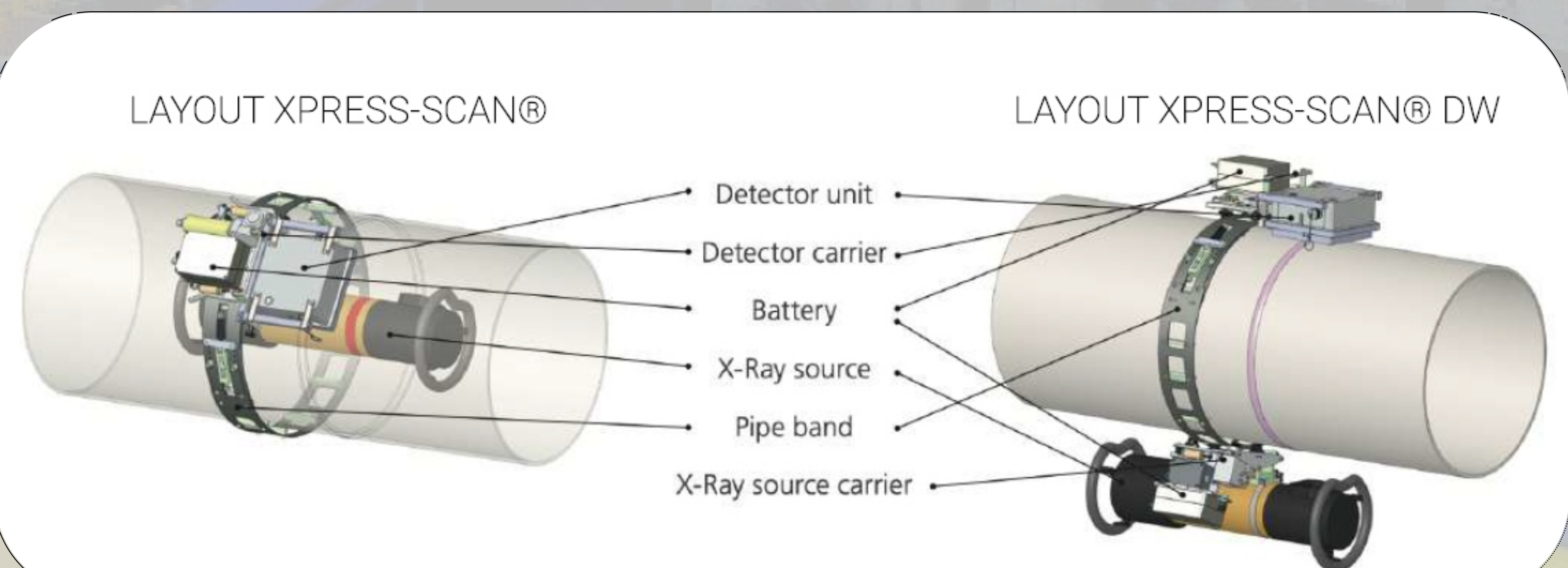
FLEXIBLE DETECTOR



- **Flexible Detector** to Cover Small DIA Tubes & Pipes
- Designed to **Eliminate Image Distortion of Curved Control Objects**
- Available in 99 microns with 7 hours **Battery operations**
- Supports both **Wire/wireless Operation**
- **Lightweight, IP67, Internal Memory, & the Highest Durability**

AUTOMATED SCANNER

- Designed for **SWSI & DWSI** and various diameters
- **Higher throughput** with One Click operations
- **Compatible** with all major X-Ray Sources & crawler
- IP67
- **Battery Operated**
- **Wireless Data Transfer**
- **External Storage** under **DICONDE Protocol**



PHASED ARRAY ULTRASONIC TESTING

PHASEX



- Lightweight (only 1.6 kg)
- 16 elements providing highest resolution
- **TFM (Total Focusing Method)**
- **Sectorial (S-Scan) and Linear (L-Scan) scan**
- **Scanner Connectivity**
- **Single-Channel TOFD**
- **Convectional Flaw Detector option available with TOFD**

SCANEX

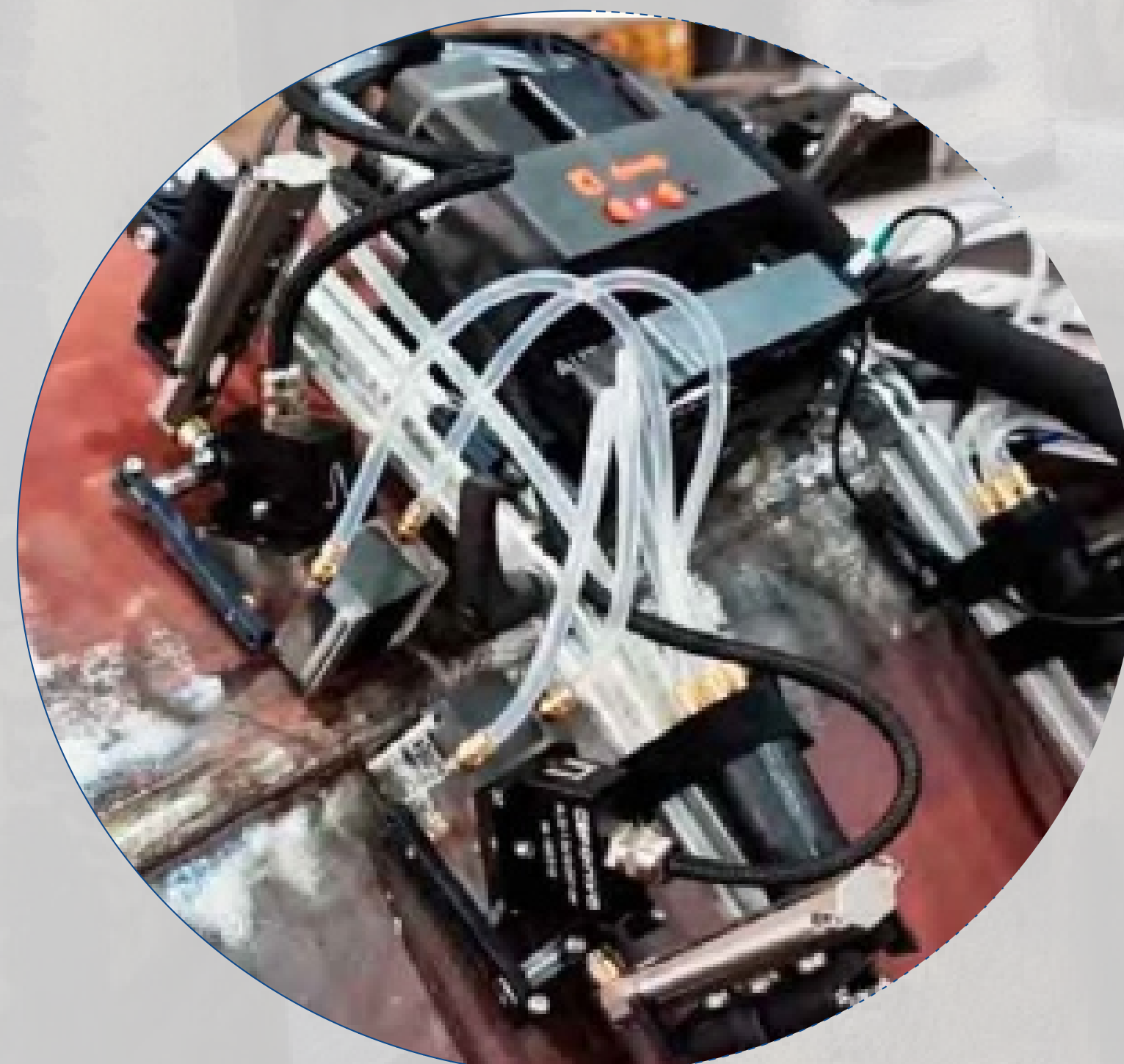
- Ultrasonic Flaw Detector that **Integrates Phased Array (16:128 PR) with TOFD**
- **Operation modes: Conventional UFD, PA, 2PA + 2TOFD, and i-Scan mode for Corrosion Mapping and Composites.**
- **Multi Groups: Up to 10 groups (up to 4 on each PA channel + 2 TOFD channels)**
- **Powerful yet lightweight (3kg) for Optimal Performance.**



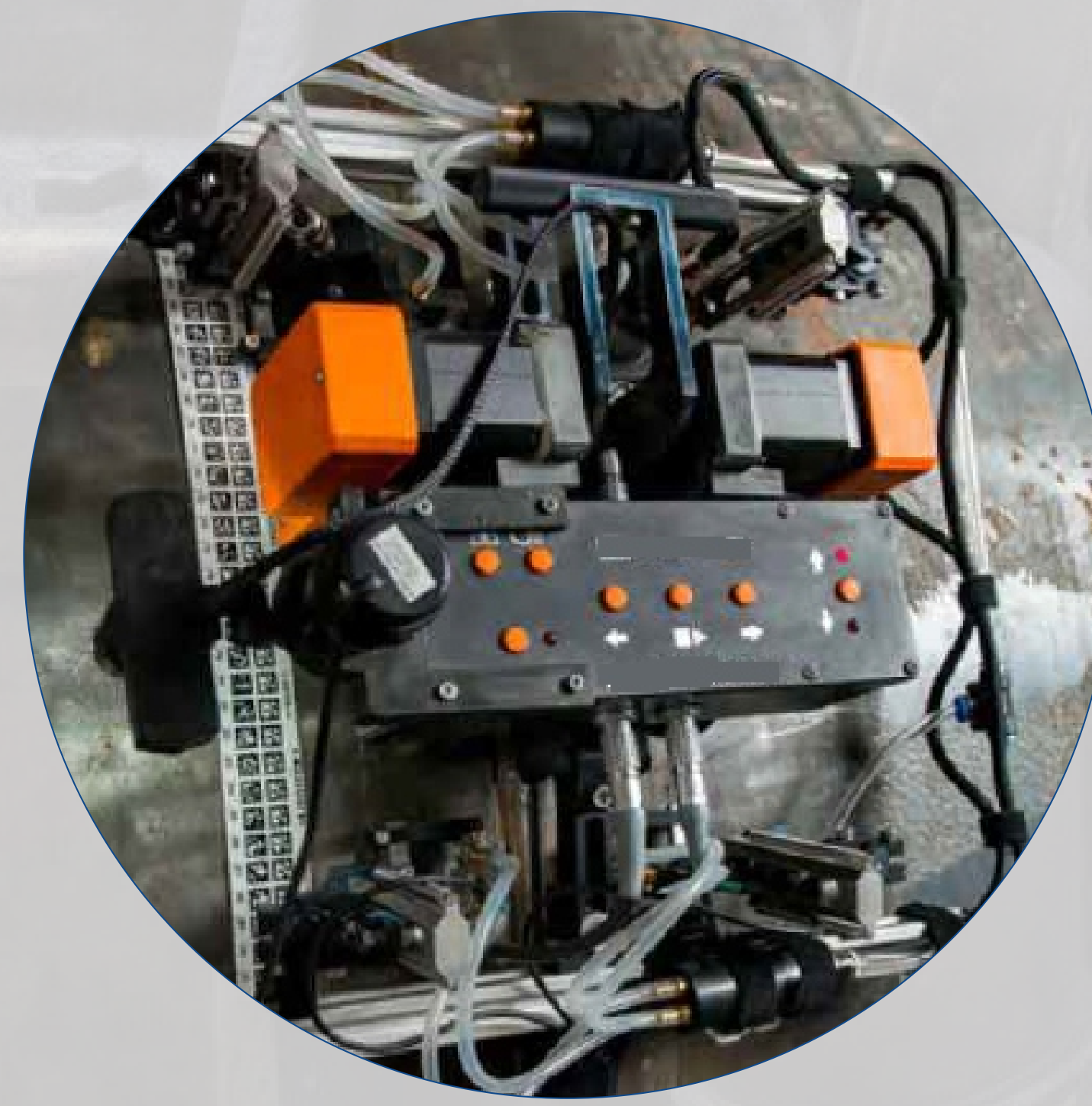
SCANNER



MANUAL WELD SCANNER



**AUTOPASCAN
Semi Auto Weld scanner**



**AUTOWELDSKAN
Fully Auto weld Scanner**



**ROLLSCAN
For Composites Inspection**

ULTRASONIC TESTING

FLAW DETECTOR



- Oil & Grease Friendly 7 and 9-inch Touchscreen Display
- Dynamic 14-point DAC & TCG, DGS, AWS
- Curvature Correction and Two-Point Auto Calibration
- Rapid Save, Reporting, 200 HRS Video Recording, and Playback
- PDF Report
- 18-27 hours+ Battery
- Full PC & VGA Connectivity, Convert Files to Mp4

ULTRASONIC THICKNESS GAUGE

- Measurement (Range 0.3 - 500 mm)
- Resolution (0.001 - 0.01 - 0.1)
- Visualization A-Scan, B-Scan, Digital Values
- Through Coat & Oxide Scale Measurement
- Custom Probe Set-Up
- Data Logger & Transfer (A-Scan & B-Scan)
- USB Type-C



HIGH TEMPERATURE PROBE

- Widest Temperature Range -55 to +550°C
- Reduce Inspection Time with No Duty Cycling or Cooling up to 350°C
- Measurement - 1 to 500 mm
- Through Coat - 2 to 50 mm

