



AK NDT

AK NDT & INDUSTRIAL SUPPLIES LLC

PRECISION BEYOND MEASURE





About Us

AK NDT and Industrial Supplies LLC is part of a group of companies, which is based in Mumbai, India, and operating since 1984. We specialize in the sales and marketing of NDT equipment, accessories, consumables, and comprehensive solutions. Our group also focuses on the manufacturing, supply, and servicing of NDT solutions, equipment, and accessories

Our Vision and Mission

Our Vision



Our vision is to evolve into a holistic NDT solution provider through unwavering commitment and continuous improvement.

Our Mission



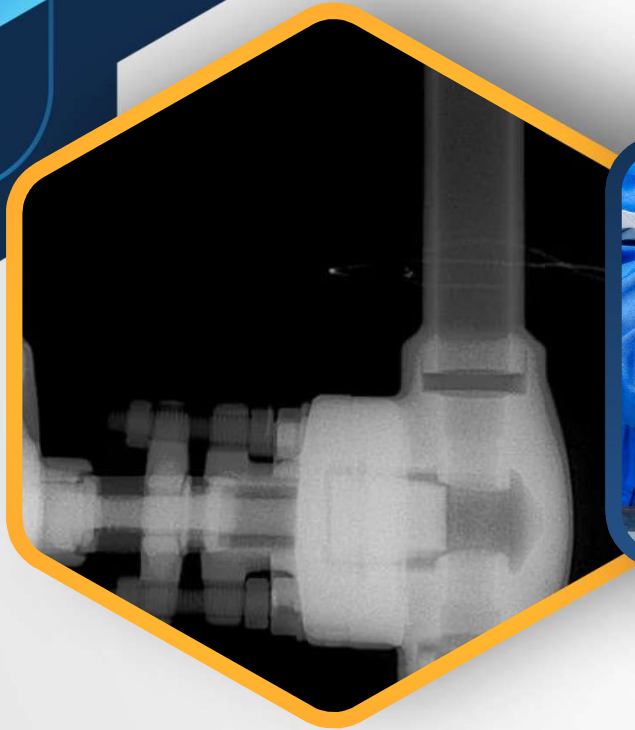
Our core mission is to consistently deliver top-quality and dependable NDT products and services to our clientele.



Our Trusted Partners



Our Products



Radiography
Testing



Ultrasonic
testing

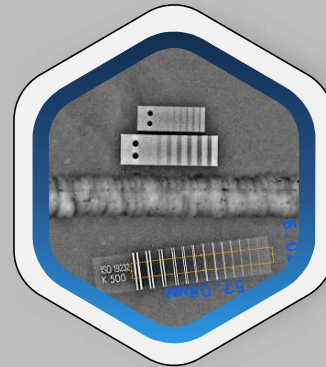


PWHT/Heat
treatment

RADIOGRAPHY TESTING



Radiography
Accessories



Digital
Radiography
System

RADIOGRAPHY ACCESSORIES

- PVC Cassettes
- Hangers
- Lead Screens
- IQI Wire Type & Hole Type
- Developing tanks
- Lead Pot
- Safe Light
- Area Zone Monitor
- Cranking Unit
- Collimator
- and many more.



SCAN-RAY



Portable digital radiography system with flat-panel detector

- Real-time X-ray image acquisition with Immediate results
- X-ray image storage in DICONDE data format (ASTM E2339-11)
- All the benefits of digital data processing, storage and transfer
- No wet chemicals
- No film
- No darkroom

ULTRASONIC TESTING



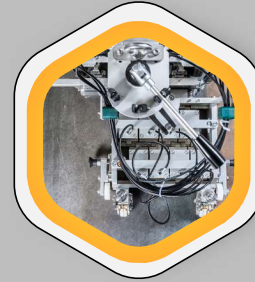
Ultrasonic
Thickness
Gauge
(UTG)



Ultrasonic
Flaw
Detector
(UFD)



Phased
Array
Ultrasonic
Testing
(PAUT)



UT
System



Customized
UT Probes

UDT 20



Ultrasonic Thickness Gauge

- Measurement range: 0,3 – 500 mm
- Resolution: 0.001 – 0.01 – 0.1
- Accuracy: 0.01 mm
- Visualization: A-scan, B-scan, digital values
- Principle: 0 – echo; echo – echo
- Memory: 100 measurement files up to 50x50 values
- Interface: USB Type-C
- Frequency range 0.5 – 20 MHz (-6 dB)

PHASEX



Ultrasonic Flaw Detector with Phased Array + TFM

- 16-element phased array
- Scan range: min 0–2 μs (0–5.9 mm). Max: 0–1000 μs (0–5950 mm, steel).
- TFM (Total Focusing Method)
- 4, 8, and 16 active elements
- Single-channel TOFD
- Weight: 1.4 kg with battery

SCANEX



Phased Array UT Flaw Detector (16:128)

- Different operation modes for various applications
- Multi Groups: Up to 10 groups (up to 4 on each PA channel + 2 TOFD channels)
- Weld Wizard for easy & convenient analysis of inspection results
- Scan Plan Wizard
- Connectivity with automated and mechanical scanners*

PLAMAT



Automated UT inspection system for heavy plates

Our modular inspection system for automated ultrasound (UT) or hard spot testing (MM) of heavy plates and strips.

PWHT / HEAT TREATMENT



Power Source
(Low Voltage)
25kW, 50kW,
65kW, 100kW



Power Source
(High Voltage)
40Amps,
63 Amps,
100 Amps



Induction
Equipment

Low Voltage PWHT Power Source 25kW, 50kW, 65kW, 100kW

- The 75 kVA unit powers electrical resistance heaters at 60 volts for on-site and shop use.
- Specifically tailored for localized Pre and Post Weld Heat Treatment using Electrical Resistance.
- A unit can accommodate up to 24 standard ceramic heating pads when using 4 pads per circuit.
- Our design capabilities extend to power sources for systems ranging from 25 kW to 130 kW.

LV 75



High Voltage PWHT Power Source

40Amps, 63 Amps, 100 Amps

- We specialize in designing and manufacturing dependable, safe, and high-quality PID panels for Stress Relieving and PWHT applications.
- Our units are equipped with quality switch gears, ensuring optimal capacity utilization.
- Easy on-site maintenance is facilitated, with spare parts readily available worldwide.
- We offer PID panels with or without PID functionality, as well as in transmission modes ranging from 3 to 9 channels.

HVP 33



Induction Equipment

- Rated Output:
35kw at 100%
Duty Cycle 5 - 30 KHz
- Heating Range of Machine
Ambient to 788°C (1450°F)
- Input Ampereres at Rapid Output
400 V: 60 Amps, 460 V: 50 Amps

Rapid Heat 35





AK NDT

Connect With Us

Our Contact Information



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