

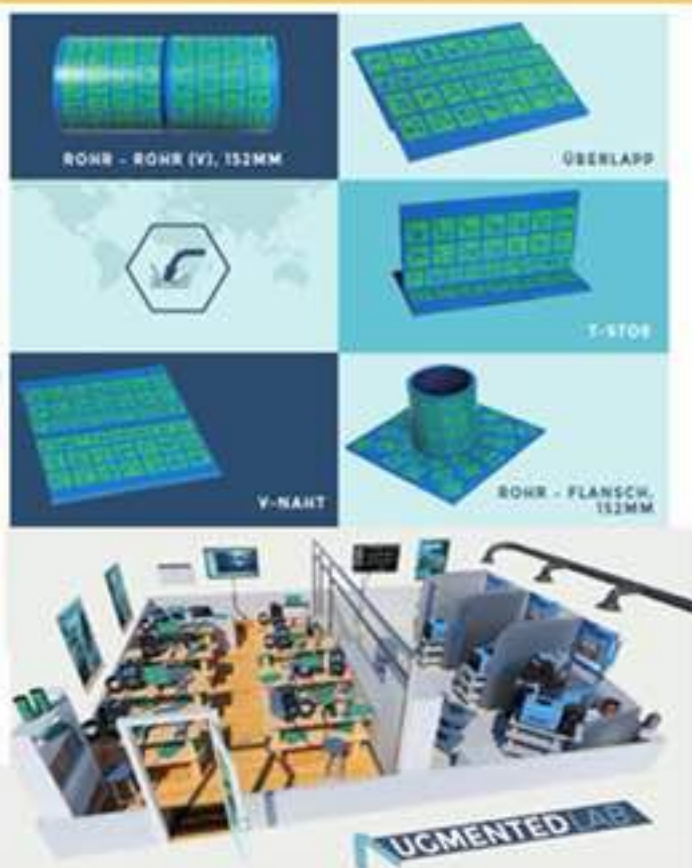


SOLDAMATIC AUGMENTED SIMULATION

HYBRID WELDING MACHINE



Made in SPAIN



Made in KOREA



WELD

- Steel
- Stainless Steel
- Titanium
- Brass
- Copper

PROCESSES

- Stick (SMAW)
- DC TIG (GTAW)
- AC TIG (GTAW)
- MIG (GMAW)
- FLUX - CORED (FCAW)

MACHINE WELDING (WIM)

Made in MALAYSIA



CNC PLASMA CUTTING



Realityworks®

Live it. Learn it.™

Bend Test

Bend Tester and curriculum. Designed with education in mind, this 8-ton hydraulic, manual-guided bend test fixture allows educators to conduct destructive weld testing in a classroom or welding lab. Comprehensive curriculum, classroom posters and supporting materials are included.



Sample Defects

Weld Defects Kit. This portable, lightweight kit contains 13 plastic models, 12 of which depict the most common defects that can occur when welding and one that depicts a quality weld. Use this engaging, hands-on teaching tool and curriculum to help your students understand how weld defects occur and how to address them by correcting both their machine and their technique

FLAWTECH

Made in U.S.A



Standard Radiographic Kit

20 Total Discontinuities

- Material : Carbon Steel
- Kit Specifications : 10 specimens
- (5) Plates : 0.375" T x 4" x 8"
- (3) Plates : 0.625" T x 4" x 8"
- (1) Plates : 0.375" T x 4" x 8" x 4"
- (1) Pipe : 4" Sch80 (0.337" wall)
- Flaws : 2 each specimen, for a total of 20
- Documentation package Includes : Certificate of Conformance , CAD Drawings, RT Film and Test Sheets 2 free Carrying



Standard Ultrasonic Kit

20 Total Discontinuities

- Material : Carbon Steel
- Kit spec : 10 specimens
- (4) Plates : 0.375" T x 4" x 8"
- (4) Plates : 0.625" T x 4" x 8"
- (1) Tee: 0.375" T x 4" x 8" x 4"
- (1) Pipe : 4" Sch80 (0.337" T Wall)
- Flaws: 2 each specimen. For a total of 20
- Documentation Package includes : Certificate of Conformance, CAD Drawings and Test Sheets 2 Carrying Cases: 6" x 16" x 20" each



Standard Visual Kit

20 Total Discontinuities

- Material : Carbon Steel
- Kit Spec: 10 specimens
- (7) Plates : 0.25" T x 4" x 8"
- (3) Tee: 2 each specimen for a total of 20
- Documentation package Includes: Certificate of Conformance, CAD Drawing and Test Sheet 1 Carrying Case: 6" x 16" x 20" each



Standard NDT Demonstration Kit

11 Total Discontinuities

- Material : Carbon Steel
- Kit Specifications : 5 specimens
- MT/PT (1) Tee: 0.25" T x 4" x 8" x 4"
- VT (1) Plate: 0.25" T x 4" x 8"
- UT (1) Plate: 0.625" T x 4" x 8"
- RT (1) Pipe : 4" Sch80 (0.337" Wall) x 8" & (1) Plate : 0.625" T x 8"
- Flaws : 2 each in plates and tee, 3 in pipe, for a total of 11
- Documentation Package Includes: Certificate of Conformance, CAD Drawings, RT Film and Test sheets
- 1 Carrying Case : 6" x 16" x 20"

GERIMA

Made in GERMANY



SMA - E (Milling)
 c : 1 - 5 (Alu 7mm)
 a : 45°
 r : 1,2 / 2,5mm
 d : .6mm



SGA 60 - E (Grinding)
 Cmax : 50mm
 a : 0°
 Ø : 178mm



SMA 60 - HF (Milling)
 C : 1 - 20 (Alu 30 mm)
 a : 0 - 80°
 r : 2/3/4/6/8/10/12/15 mm



SMA 20 - P (Milling)
 C : 1 - 5 (Alu 7 mm)
 a : 45°
 r : 1,2 / 2,5mm
 d : > 19mm



SGC 40 - P (Grinding)
 Cmax : 40 mm
 a : 0/30/45/60°
 Ø : 40 - 100mm



MMP 30-B
 Ø - Rohr = 60 - 320mm
 F = 1 - 15mm
 F = 0 - 80°



MMB 400 (Milling)
 C : 1 - 15 (Alu 20 mm)
 a : 30 - 60°
 r : 2.000 - 5.500rpm
 n : 5,5 KW



SMT 30 - E (Milling)
 C : 1 - 6 (Alu 8 mm)
 a : 30/45/60°
 r : 2 - 4mm



MMB 500 (Milling)
 C : 1 - 30 (Alu 40 mm)
 a : 15 - 45° / 30 - 60°
 n : 2.000 - 5.500 rpm
 P : 7,5 KW



LGA 2000 (Grinding)
 H(mm) : 2.000
 C(mm) : 2 - 100
 a (°) : 0 - 80
 t (mm) : 2 - 100
 p(KW) : 15
 ts (mm) : 150 x 2.900

LGA 1600 (Preturning)
 d(mm) : 300 - 1.200
 c(mm) : 2 - 60
 a (°) : 0 - 75
 t (mm) : 11
 ts(mm) : 100 x 2.200



LGC 1600 (Grinding)
 H(mm) : 1.600
 C(mm) : 2 - 60
 a (°) : 0 - 75
 t (mm) : 2 - 80
 p(KW) : 11
 ts(mm) : 100 x 2.200

LPP 1000 (Preturning)
 CNC - gesteuert
 CNC - controlled
 d(mm) : 400 - 1.000
 t(mm) : 100
 P(KW) : 11



TORCHES



Welding Torch Fume Extractor

SAFETY PRODUCT PPE



Classroom Fume Extraction System



Europe Standard CE

Half Face Mask - EN140/EN143

Actual Test

Filtration Efficiency 99.998% come with lowest breathing resistance of any mask in its category



Stealth Mask

Typical Usage :-

- Metal Working (Welding / Grinding / Cutting)
- Construction / Building / Maintenance
- Oil / Gas Industry
- Government and Contract Cleaning
- Wood Working
- Glass Fiber Insulation
- Food Processing Industry
- Arigul Ture

ELMATECH

Made in GERMANY

Made in AUSTRALIA



Especially suitable for Aluminium welding less than 1mm thickness

MIDI MIG 300/800 AC/DC G W Welding

- The enhanced AC pulse technology enables a new dimension of arc welding of heat-sensitive materials such as aluminum, stainless steel and other heat sensitive alloys.
- MIG AC pulse welding, MIG DC pulse welding, MIG/MAG welding, DUAL spot welding, MIG brazing TIG-Lift Arc

www.weldmart.com.my



DC SPOT Welding

Welding Process

- All necessary welding processes in one device
- Current / time conventional (constant current regulation) adjustment : single-parameter
- Energy Control
- Fully automatic process control for welding thickness & material (VISION)
- Spotting (optional)



This fast and inexpensive Weld Brush is compact, rugged, acid resistant, and easy to carry.

This single unit, will clean stainless steel, brass, and bronze, after they have been heat tinted, or TIG, MIG, or Spark welded.

As well as cleaning, the unit can electro-polish, mark, or brush electro-plate the same metals



WIM Gas Regulators



- A) WIM Oxygen Gas Regulator
- B) WIM Acetylene Gas Regulator
- C) WIM CO2 Gas Regulator
- D) WIM CO2 Regulator C/M Heater (110V)
WIM CO2 Regulator C/M Heater (220V)
- E) WIM Argon Regulator

SPOT & PROJECTION WELDING



- A) JPC 35/30/14 Electrode Holder "T" Type BF
- B) JPC 35/30/14 Electrode Holder "T" Type BF
- C) Spot Welder Wire Spool Complete Set
- D) MC 15/25 Electrode "T" Type BF
- E) MC 15/25 Electrode BF
- F) SPOT Cap 1.10 - Tip Holder
- G) SPOT Cap 1.10 - Polished Type
- H) Spot Cap 1.10 - Round Type
- I) JPC 35/30/14 Electrode Holder BF
- J) JPC 35/30/14 Electrode Holder BF
- K) MC 15/25 Electrode Holder BF
- L) MC 15/25 Electrode Holder BF
- M) Spot Welder Tip 12mm BF
- N) Spot Welder Tip 12mm BF
- O) Spot Welder Tip 12mm BF
- P) Spot Welder Tip 12mm BF
- Q) Spot Welder Tip 12mm BF
- R) Spot Welder Tip 12mm BF
- S) Spot Welder Tip 12mm BF



WELD CABLE

- 200A
- 300A
- 400A
- 500A
- Normal Type
- 100% Full Copper



Grinding Disc Cutting Disc

- 4" , 7" , 14"



Cable Connector



300A

500A

Electrode Holder



200A

300A

500A

- Tungsten (Turquoise)
- 2.6 , 2.4 , 3.2 , 4.0 m
- Non-Radio Ware



G Clamp

500A (5")

600A (7")



MIG Wire & Flux Core Wire

NDT SERVICES



- Structural Strength and Fatigue Calculation
- Finite Element Analysis (ANSYS)
- Beam Analysis (STAADPRO)
- Design Optimization
- Customer Calculation Report
- Cost Saving Analysis
- Detailed Draing and 3D Modelling
- Schedule Waste Monitoring & Consultancy
- Engineering Work

- WPS & WPQR Development
- WQT Program
- Welder Training
- NDT Services
- NDT Training
- Welding Inspection Services
- Welding Inspector Program
- Coating Inspection
- Coating Training
- Engineering Work





The AReS Smart Trainer is the all-in-one smart learning platform designed for technical education. This smart learning platform is equipped with 11 types of measuring instruments essential for smart technology education such as oscilloscope, digital multimeter, DC power supply, AC power supply and function generator.

REFRIGERATION & FREEZING TRAINER

Made In KOREA



Technical Description :

- Temperature, pressure, defrosting auto control of automatic pressure control device and mechanical trouble
- The system according to expansion valve's shape function with connecting expansion valve of other types
- Automatic control with graphic panel and two automatic control modules
- Theoretical education of efficiency test and experiments while operating

HEAT PUMP HEAT ACCUMULATION

Made In KOREA



Technical Description :

- Temperature, pressure, defrosting auto control of heat
- Digital pressure switch (high and low pressure) with the most accurate data
- The structure to heat accumulation with heat pump and the design to know heat circulation or state and control
- Data formation by data auto-saving and diagram auto-operation in the system with control program.
- Visual heat accumulation tanks by transparent acryl and cool-warm heat system with circulation part.