Robotic Welding Trainer

INTEGRATED BY APT MANUFACTURINGsolutions

Pathway To CSM™
Connected Smart Manufacturing

APT Connecting Industry IIoT Smart Mfg. 4.0

FANUC ARC CERT Features:

- FANUC ARC CERT Gift in Kind Package for qualified schools
- FANUC Advanced Academic Software/ARC Bundle
- FANUC ARCTool Student Certificate Program
- Welding Power Supply Training Program
  (brand specific; see program details)
- *Optional iRVision*

Cart Features:

- Welded construction
- Tinted sides to protect classroom (helmet required for viewing)
- Fully integrated collapsible mobile cart design, fits through standard 36" door
- FANUC Arc Mate 50iD/7L
- FANUC R30iB Mate plus controller
- Robot work area guarded for student safety
- Collapsed dimensions: 80"L x 33"W x 78"H
- Expanded dimensions: 80"L x 63"W x 78"H

The FANUC ARC Mate 50iD/7L is a high-speed ARC welding robot that is equipped with added reach. Its standard IP67 rating gives it the versatility to work in a variety of different harsh manufacturing environments including dusty and wet areas. With 6 axes, this robot can carry up to 7kg while creating precise arc welds.

With FANUC's ArcTool software, learning on the ARC Mate 50iD/7L will provide students with the knowledge and confidence to operate a variety of FANUC ARC Mate Series Robots and support employer's need to develop more efficient and profitable welding processes.

Integrated Weld Educational Cart

Education & Software

OpenBook™

OpenBook™ is Miller's learning management software. It's designed to help you plan, offer, and assess student learning. It provides welding instructors, learners, and management with an easy tool to teach welding concepts and techniques to a variety of students - from those just starting out to professionals in the field who'd like to learn new skills or refresh their current techniques.

Insight Core™ (Standard)

Simplified, Internet-based welding information solution that reports cell productivity and weld parameter verification.

- Provides basic production metrics such as amps, volts, wire feed speed, arc on time and arc on time percentage

Transform data into actionable information that drives continuous improvement.

Learn more at MillerWelds.com/insight

Features

Auto-Continuum™ Systems

Take your welding to the next level.

The adaptive arcs of Versa-Pulse™ and Accu-Pulse instantly make adjustments to handle weld tacks, large gaps and inconsistent parts. The result is higher quality welds and fewer weld defects.

Better weld quality

Versa-Pulse™
- Fast, low-heat, low-spatter process
- Great for gap filling
- Shortest arc length/ lowest pulse voltage

Accu-Pulse®
- The most popular process for majority of industrial welding applications
- Most adaptive arc on 16+ gauge
- Designed for all weld positions

RMD®
- Lowest heat process, best for gap handling
- Limited travel speed

Auto-Continuum 350
11,000 watts

More power, better reliability

- **Easily add new processes and custom programs**
- **Parameter flexibility**

Easy to add capabilities

Best for	Standard Spray	High-Deposition MIG	Accu-Pulse	Versa-Pulse	MIG Short Circuit	RMD
Deposition	A	A	A	B	D	D
Gap Filing	D	D	B	B	A	A
Low Heat Input	D	C	B	A	A	A
Out-of-Position Welds			A	B	B	B
Low Spatter	A	A	A	A	C	B
Thick Metals	A	A	A	C	D	D
Thin Metals			B	A	A	A
Increased Travel Speed	A	A	A	A	B	C
HOT → COLD						

Manufacturing Equipment

FILTAIR® 130
- High-efficiency filter designed to capture weld fume
- FilTek™ XL cleanable filters last longer
- Lightweight and portable
- Quieter for a safer, more productive work area

Included: Work Holding Kit (APT88001132)

6" x 1.5" x 6"

(1) Pivot Angle 150 Mini

3.6" x 1.7" x 3.4"

(1) Mini Multi Angle

2.3" x 1.3" x 2.1"

(1) Mini Angle

Optional: PPE Kit (APTWELDPPE)

10% Graduate Discount at Mag Tools
Use APTWELDCELL at mag-tools.com

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FOR MORE INFORMATION CONTACT:

education@aptmfg.com