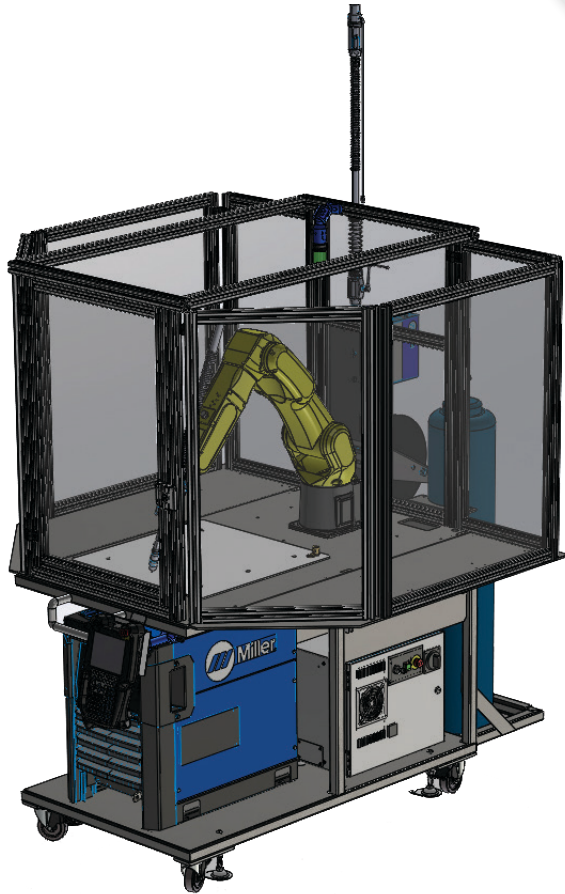


# APT-INTEGRATED WELD CERT CART PATHWAY TO CSM™ CONNECTED SMART MANUFACTURING



[aptmfg.com/products/training-equipment](http://aptmfg.com/products/training-equipment)

## APTARC50



### FANUC ARC CERT Features:

- FANUC ARC CERT Gift in Kind Package for qualified schools
- FANUC Arc Mate 50iD/7L
- FANUC R30iB Mate plus controller
- 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
- 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

## Auto-Continuum™ Systems

Take your welding to the next level.

Next generation automation welding solution delivers advanced arc performance to improve throughput and weld quality.



**10% Graduate Discount at Mag Tools**  
Use **APTWELDCELL** at [mag-tools.com](http://mag-tools.com)

### Features:



Better weld quality

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.

#### Versa-Pulse™

- Fast, low-heat, low-spatter process – for high-speed automation on materials 1/4 inch (6.35 mm) and thinner
- Great for gap filling
- Shortest arc length/lowest pulse voltage for lower heat and lower spatter at higher speeds

#### Accu-Pulse®

- The most popular process for majority of industrial welding applications
- Most adaptive arc on 16 gauge (1.6 mm) and thicker
- Designed for all weld positions

#### RMD®

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



More power, better reliability

- **Auto-Continuum 350: up to 26% more weld power**  
11,000 watts versus 8,700 watts = 2,300 watts more!  
(Continuum: 350 A x 31.5 V at 100% duty cycle = 11,000 watts)  
(Competitor: 300 A x 29 V at 100% duty cycle = 8,700 watts)



Easy to add capabilities

- Easily add new processes and custom programs via the USB interface.
- **Parameter flexibility** allows the systems to be set for voltage and wire feed speed control, or for voltage and amperage control.

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

Ratings A, B, C, and D are relative values. An "A" rating indicates a best fit between your performance needs and process. A "blank" rating indicates that the process is not recommended for that application.

Transform data into actionable information that drives continuous improvement.  
Learn more at [MillerWelds.com/Insight](http://MillerWelds.com/Insight)



#### 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

### 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"



2" x 1.25" x 1.5"



(1) MagSquare 135

(2) Pivot Angle 150 Mini

Optional: PPE Kit (APTWELDPPE)

