

ProArc AVC-150/AVC-25 systems utilize a control and drive unit to maintain precise TIG & plasma arc length in automated systems. Any variation in the arc gap is rapidly compensated for by continuous measurement of the arc voltage and a positional correction to the torch slide therefore maintaining a precise arc voltage. The system is easy to operate and integrates with a wide range of power supplies, torches, and positioners for assembling turn-key automation systems.

Features

- Easy setup
Automatic loading the starting arc gap voltage
- Easy operated
User-friendly GUI to pick it up quickly

Advantages

- Voltage control accuracy, 0.01V
- Starting arc gap, 0.5 ~ 10mm (0.02 ~ 0.4in)
- Adjustment speed, 1 ~ 300mm/min
- Deadband adjustment, 0 ~ 10volts
- Adjustable retract distance, 0 ~ 25mm
- Start delay, 0 ~ 60secs
- Weld pulse lockout
- Auto-tracking indicator for gap mm or arc voltage

Application

- Aerospace
- Tube and pipe mills
- Pharmaceutical
- Precision TIG and plasma weldments for circle welding & longitudinal welding



AVC-150

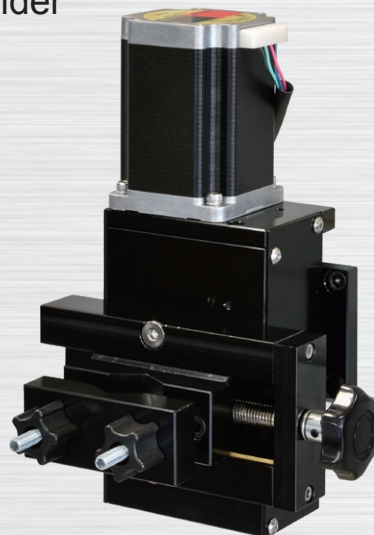
Specification

Model	Unit	AVC-25	AVC-150
Power input		AC 110/220V, 50/60Hz, 1 Phase	
Voltage sense range	volts	5 ~ 50	
Voltage control	volts	0.01	
Adjustment speed	mm/min	1 ~ 300	
Load capacity	kg	20	20
Position speed	mm/min	2,000	2,000
Dimension (L x W x H)	mm	108 x 61 x 228	108 x 61 x 348
Stroke length	mm	25 (1")	150 (6")
Weight	kg	2.5	4

※ Specifications subject to change without notice.

AVC includes

- HMI control box
- SL-050 Manual slides
- VH-035 V-Block torch holder
- 1.5m slide cable
- 4.5m power cable



• AVC-25



• AVC-150