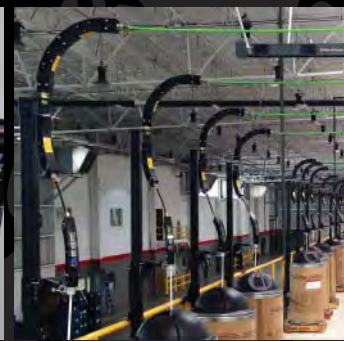


WIRE WIZARD®

WELDING PRODUCTS

IF IT TOUCHES THE WIRE, THE WIZARD HAS A SOLUTION!



ELC ENTERPRISES, INC.

www.wire-wizard.com

FIBER DRUM HOODS AND ACCESSORIES

- ▶ Hood covers designed for 20", 20.4", 23.4", and 26" drums (508, 518, 594 & 660mm)
- ▶ Constructed of tough polyethylene for long shop life
- ▶ Dual windows provide easy access and viewing
- ▶ Flange with tabs securely anchors hood to package
- ▶ Orbital Arm or Direct Pull Kit guarantee smooth wire feeding
- ▶ **Lifetime guarantee against breakage**



FLANGED HOODS FIT BOTH CHIMED DRUMS & ENVIRONMENTAL PACKS
(EXCEPT FOR LARGE 26" DRUMS)

WWIC-11
REUSABLE DRUM CORE
for all coreless drums.
Helps prevent wire flip.



DIRECT PULL KIT Model WWDP

- ▶ Quick disconnect with polished ceramic inlet prevents wire shaving
- ▶ Fits all cone and wire sizes
- ▶ **Lifetime guarantee not to wear out**



WWDP SIDE



CERAMIC INLET



ROUND DRUM HOOD



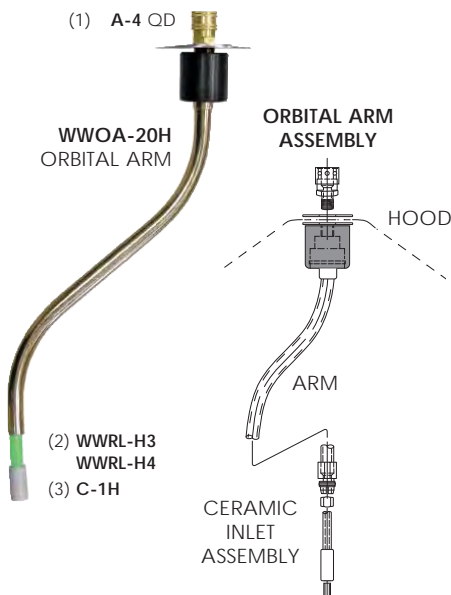
OCTAGON DRUM HOOD



LOW PROFILE OCTAGON HOOD



SQUARE DRUM HOOD



ORBITAL ARM KITS *For tangle-free wire dispensing*

- ▶ Helps prevent wire from tangling inside the drum
- ▶ Arms available for all wire sizes and types up to 1/16" (1.6mm)
- ▶ Polished ceramic inlet guide will not shave wire
- ▶ Compatible with all Wire Wizard® Drum Hoods

WIRE PRESENCE SENSOR BLOCK & PROXIMITY SWITCH

Model WWSB-M12-K

- ▶ Detects & signals when wire drum is empty
- ▶ Proximity switch may be connected to PLC to stop welding cycle when wire is depleted
- ▶ Uses 12 mm proximity switch (WWA5-E34), other switches available upon request
- ▶ Compatible with all Wire Wizard® Drum Hoods





NON-STOP WIRE DISPENSING SYSTEM™

A unique process joins the end wire from a used drum with the start wire of a new full drum. Both butt-welding* and flash removal operations take only seconds and the two wire ends may be joined during the welding cycle.

- ▶ **Eliminates downtime for wire changeover**
- ▶ No operator action needed - robots can continue to weld while the next full drum is being installed
- ▶ Designed for use with optional **Wire Pilot® Feed Assist & Wire Guide Modules**
- ▶ Works with one or two-station robotic cells (2 or 4 drums)
- ▶ Accepts any fiber drum or cardboard wire packaging design
- ▶ Easy-to-use resistance Butt Welder (*welds up to .078 / 2mm wire*)
- ▶ Appropriate drum-handling carts available

Non-Stop System Dimensions

2 Drum Unit: 47" W x 29" D x 7' H (1.2m W x 0.74m D x 2.13m H)

4 Drum Unit: 47" W x 55" D x 7' H (1.2m W x 1.4m D x 2.13m H)

**Wire manufacturer must present wire end at top of dispensing drum to butt-weld beginning and ending of wires. Call customer service for information.*

NON-STOP WIRE DISPENSING SYSTEMS & ACCESSORIES

DESCRIPTION	PART NO.
System with 2 stations for 20.4" (518mm) Ø Drums (1-Torch)	NSW-20.4-2
System with 4 stations for 20.4" (518mm) Ø Drums (2-Torch)	NSW-20.4-4
System w/2 stations: 1000LB (453 KG) Accu-Pak Drums (1-Torch)	NSW-SC24-2
System w/4 stations: 1000LB (453 KG) Accu-Pak Drums (2-Torch)	NSW-SC24-4
System w/2 stations: 23.5" (597mm) Octagon Drums (1-Torch)	NSW-OC23.5-2
System w/4 stations: 23.5" (597mm) Octagon Drums (2-Torch)	NSW-OC23.5-4
Wall Mounted System w/2 stations: Compatible with most drums	NSW-WM
Wire Guide Module Swivel Kit Adapter (allows 360° rotation)	WGM-NSW-SW-14
Butt Welder Docking Station (110V)	NSW-BW-DS-R13
Butt Welder Docking Station (220V US)	NSW-BW-DS-220-R13
Butt Welder Docking Station (220V European)	NSW-BW-DS-220EU-R13
Portable Resistance Butt Welder (110V)	NSW-BW-R13
Portable Resistance Butt Welder (220V US)	NSW-BW-220-R13
Portable Resistance Butt Welder (220V European)	NSW-BW-220EU-R13
Wire Sizer for .035" (0.9mm) wire*	NSW-BW-WS-035
Wire Sizer for .045" (1.2mm) wire*	NSW-BW-WS-045
Wire Sizer for .052" (1.3mm) wire*	NSW-BW-WS-052
Wire Sizer for .062" (1.6mm) wire*	NSW-BW-WS-062
Wire Sizer for .078" (2mm) wire*	NSW-BW-WS-078
Wire Sizer without dies* (<i>must specify wire wize when ordering</i>)	NSW-BW-WS-1
Wire Dresser for Electric Rotary Tool (<i>alternative to Wire Sizer</i>)	NSW-BW-WD
Wire Parters (<i>included on butt welder docking station</i>)	BW-WP
Wire Gage Block (<i>included on butt welder docking station</i>)	WGB
Empty Barrel Signal Flag	NSW-BCF

* Wire Sizer replacement dies available. Contact customer service for more information.



NSW-BCF
Optional
Empty Barrel
Signal Flag

NSW-SC24-2

Shown with optional **Butt Welder Docking Station**. Docking Station includes Butt Welder, Wire Parters and Wire Gage Block.



WGB
WIRE GAGE BLOCK
for .035, .045, .052 & .062 wire



BW-WP WIRE PARTERS
Leaves flat wire ends for easy butt-welding



NSW-BW-R13 or NSW-BW-220-R13
PORTABLE RESISTANCE BUTT WELDER
Welds up to .078 (2mm) ferrous metal wire

WIRE WIZARD GUIDE MODULE® SYSTEM

THE NEW PATH OF LEAST RESISTANCE!™

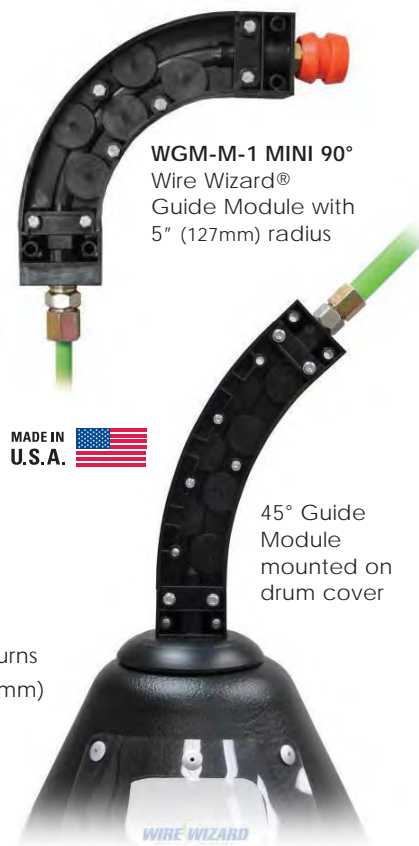


GUIDE MODULE SYSTEM®

The innovative **Wire Wizard Guide Module® System** utilizes a series of rollers with bearings to allow the weld wire to “coast” around bends and corners in the conduit, eliminating the points of high friction that occur in these areas. By eliminating the friction on the wire, it eliminates arc failures, improves consistency and enables considerably longer conduit runs of 100 feet or more, allowing wire packages to be centrally located. Each 45° Guide Module may be connected to additional modules to form turns of 90°, 135° or 180° within the wire dispensing system. Compatible with ferrous and non-ferrous wires. PATENT PENDING

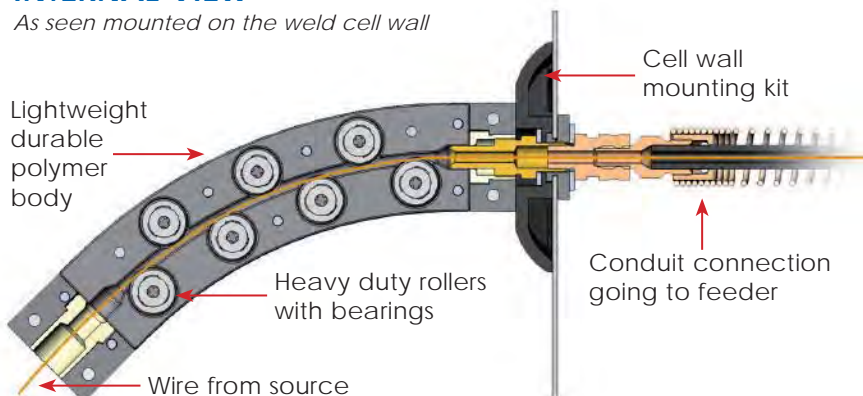
- ▶ **Eliminates skid friction** on the wire in areas where bends/corners are necessary throughout the wire dispensing system
- ▶ Smooth, low friction wire feeding **improves consistency of welds, eliminates arc failures and reduces downtime**
- ▶ In product testing, the Guide Module turned **POUNDS of pull force at the feeder into OUNCES!**
- ▶ Allows long distance conduit runs of 100 ft+ (30.5m+)
- ▶ Increases life of the conduit & consumables by reducing friction
- ▶ Saves floor space by allowing wire packages to be located closer to the cell wall
- ▶ Considerably less expensive than alternative methods of eliminating friction on wire over long distances
- ▶ 45° modules may be connected together to form a 90° turn, 135° turn, 180° turn
- ▶ Tool & Diagnostic Kit available, inc. assembly & testing tools
- ▶ **Four Models Available to Cover Virtually all Welding Applications:**
 - Standard Guide Module:** For solid wires .035 to 5/64" (0.9 – 2mm)
 - 90° Mini Guide Module:** For solid wires up to .052 (1.3mm), compact size for tight 90° turns
 - Heavy Duty Guide Module HD*:** For cored & stainless steel wires .035 to 5/64" (0.9 – 2mm)
 - Large Guide Module XL*:** Compatible with large wire 3/32" to 5/32" (2.4 – 4mm)
- ▶ **3 YEAR GUARANTEE!** (excludes damage caused by industrial contaminants)

**The Guide Module HD and XL models contain heavy duty steel rollers*

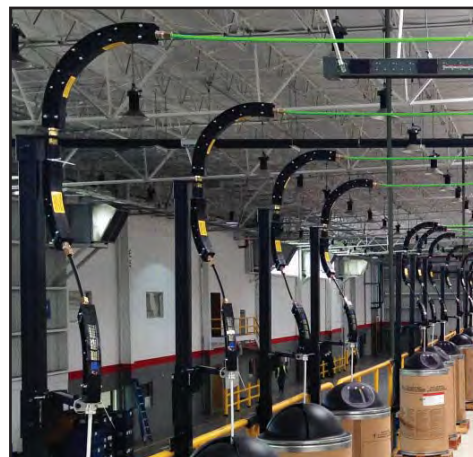


INTERNAL VIEW

As seen mounted on the weld cell wall



See pages 15-18 for Guide Module Components & Accessories



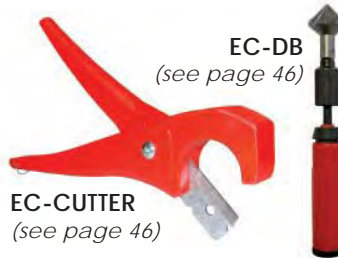
Installation with 90° Guide Modules and Non-Stop™ Wire Systems

GREEN POLYMER CONDUIT *(see page 23 for size reference table)*

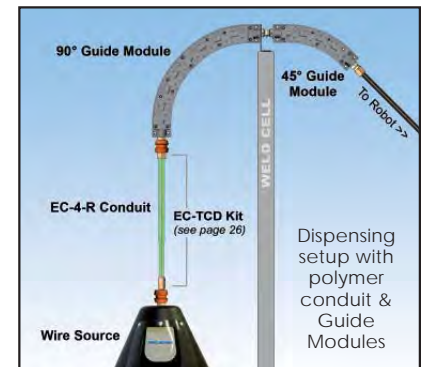
Known throughout the industry for its longevity and low friction coefficient, this durable conduit has proven to outlast metal lined products while still providing much less pull on the feed motor. It's your first choice for stationary or moving feed units and is also the recommended conduit for aluminum wire applications. EC-3-R & EC-4-R conduits feature advanced cross-linked polymer for extended wear and durability.

- ▶ **Available in four sizes:** EC-3-R for light wire; EC-4-R for standard wire sizes; EC-5 & EC-6 for large wire *(see wire size ref. chart on pg 23)*
- ▶ Available in pre-cut lengths with attached self-threading bayonets or in bulk 50', 100', 250' or 500' rolls (15.2m, 30.5m, 76.2m or 152.4m)
- ▶ Ideal for both ferrous & non-ferrous wire, **required for aluminum wire applications**
- ▶ Recommended for feeding from the source to the weld cell exterior
- ▶ Self threading or compression style connectors available *(see pg 22)*

CONNECTOR OPTIONS & INSTALLATION TOOLS



GREEN POLYMER CONDUIT
Shown as cut length with
connector options



P/N	CONDUIT DIMENSIONS	CONNECTOR TYPE		REPLACE FERRULE
		SELF THREAD	COMPRESSION	
EC-3-R*	.175 ID (4.4mm) x .340 OD	A-16F-3	or A-10C-S	A-10SFE
EC-4-R*	.300 ID (7.6mm) x .460 OD	A-16F-4	or A-10C-H	A-10CFE
EC-5	.400 ID (10.2mm) x .600 OD	A-16F-5	or A-10R	A-10RFE
EC-6	.550 ID (14mm) x .750 OD	A-16F-6	or A-9/A-6	A-9FE

*EC-3-R & EC-4-R are cross-linked polymer conduits, ideal for robotic applications

BULK CONDUIT

In 50', 100', 250' or 500' rolls

P/N	P/N EXTENSION (LENGTH IN FT)
EC-3R-	50-B, 100-B, 250-B or 500-B
EC-4R-	50-B, 100-B, 250-B or 500-B
EC-5-	50-B, 100-B, 250-B or 500-B
EC-6-	50-B, 100-B, 250-B or 500-B

EC-4-R PRE-CUT CONDUIT*

A-16F-4 Bayonet Attached

P/N	LENGTH
EC4-120	120" – 10 ft (3m)
EC4-180	180" – 15 ft (4.6m)
EC4-240	240" – 20 ft (6.1m)
EC4-300	300" – 25 ft (7.6m)

EC-5 PRE-CUT CONDUIT*

A-16F-5 Bayonet Attached

P/N	LENGTH
EC5-120	120" – 10 ft (3m)
EC5-180	180" – 15 ft (4.6m)
EC5-240	240" – 20 ft (6.1m)
EC5-300	300" – 25 ft (7.6m)

EC-6 PRE-CUT CONDUIT*

A-16F-6 Bayonet Attached

P/N	LENGTH
EC6-120	120" – 10 ft (3m)
EC6-180	180" – 15 ft (4.6m)
EC6-240	240" – 20 ft (6.1m)
EC6-300	300" – 25 ft (7.6m)

*Custom pre-cut lengths of conduit are available, contact customer service for ordering information

QUALITY TESTED FOR MAXIMUM DURABILITY!











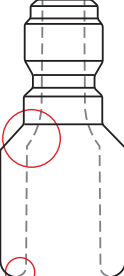



We tested the flexural strength of our EC-3-R & EC-4-R cross-linked polymer conduit against a leading competitor by continuously flexing it back & forth until the point of failure. **Wire Wizard® polymer conduit survived this rigorous test over 70 TIMES longer than the leading competitor. The results speak for themselves!**

Flexural Strength Testing Device



CONDUIT CONNECTORS

Polymer Conduit Connectors















EC-3-R	EC-4-R	EC-5	EC-6
 A-16F-3	 A-16F-4	 A-16F-5	 A-16F-6
 A-10C-S	 A-10C-H	 A-10R	 A-6 (or A-6HD*) & A-9
	 A-10HP	 A-10RP	<i>*Use A-6HD if connecting to an HD style disconnect, use A-6 for all other disconnects</i> 
	 A-10C-H-SR	 A-10R-SR	
	 A-10C-H-SRL		

See page 26 for replacement ferrules for compression style connectors.

All E-Z Feed™ connectors feature rounded shoulders for smooth wire feeding

E-Z Feed™ CONNECTORS

Extra Flexible Conduit Connectors

FC-X	FC-XH	FC-XH-LW	FC-X-SW
 A-10C-X	 A-10R	 A-6HD (or A-6*) & A-9	 A-10C-S
 A-10XP	 A-10RP	 A-11XH-LW	
 A-10C-X-SR	 A-10R-SR		
 A-11X	 A-11XH		
 A-10C-X-SRL			
		 Polymer Strain Relief	 Steel Spring Strain Reliefs, 10.5" & 21.5"

Polymer Conduit Connectors

Part No.	EC-3-R Connectors Connector
A-16F-3	Self Threading (1/8" NPT-F)
A-10C-S	Compression (Ferrule)
Part No.	EC-4-R Connectors Connector
A-16F-4	Self Threading (1/4" NPT-F)
A-10C-H	Compression (Ferrule)
A-10HP*	Compression (1/4" NPT-F)
A-12A	Aluminum Compression
A-10C-H-SR	Strain Relief Connector - 10.5" (267mm)
A-10C-H-SRL	Strain Relief Connector - 21.5" (546mm)
Part No.	EC-5 Connectors Connector
A-16F-5	Self Threading (3/8" NPT-F)
A-10R	Compression (Ferrule)
A-10RP*	Compression (1/4" NPT-F)
A-10R-SR	Strain Relief Connector
A-10R-QD	Connector w/Disconnect
A-10R-QD-SR	Strain Relief w/Disconnect
Part No.	EC-6 Connectors Connector
A-16F-6	Self Threading (1/2" NPT-F)
A-6 (or A-6HD) & A-9	Combination Compression

Extra Flexible Conduit Connectors

Part No.	FC-X Connectors Connector
A-10C-X	Compression (Ferrule)
A-10XP*	Compression (1/4" NPT-F)
A-10C-X-SR	Strain Relief Connector - 10.5" (267mm)
A-10C-X-SRL	Strain Relief Connector - 21.5" (546mm)
A-11X	Swaged Connector
Part No.	FC-XH Connectors Connector
A-10R	Compression (Ferrule)
A-10RP*	Compression (1/4" NPT-F)
A-10R-SR	Strain Relief Connector
A-11XH	Swaged Connector
A-10R-QD	Connector w/Disconnect
A-10R-QD-SR	Strain Relief w/Disconnect
Part No.	FC-XH-LW Connectors Connector
A-6HD (or A-6)/A-9	Combination Compression
A-11XH-LW	Swaged Connector
Part No.	FC-X-SW Connectors Connector
A-10C-S	Compression (Ferrule)

* For A-10HP, A-10RP & A-10XP use A-4 quick disconnect.
Legend: NPT-National Pipe Threads, M-Male, F-Female

E-Z FEED™ CONNECTORS

ADAPTER FITTINGS

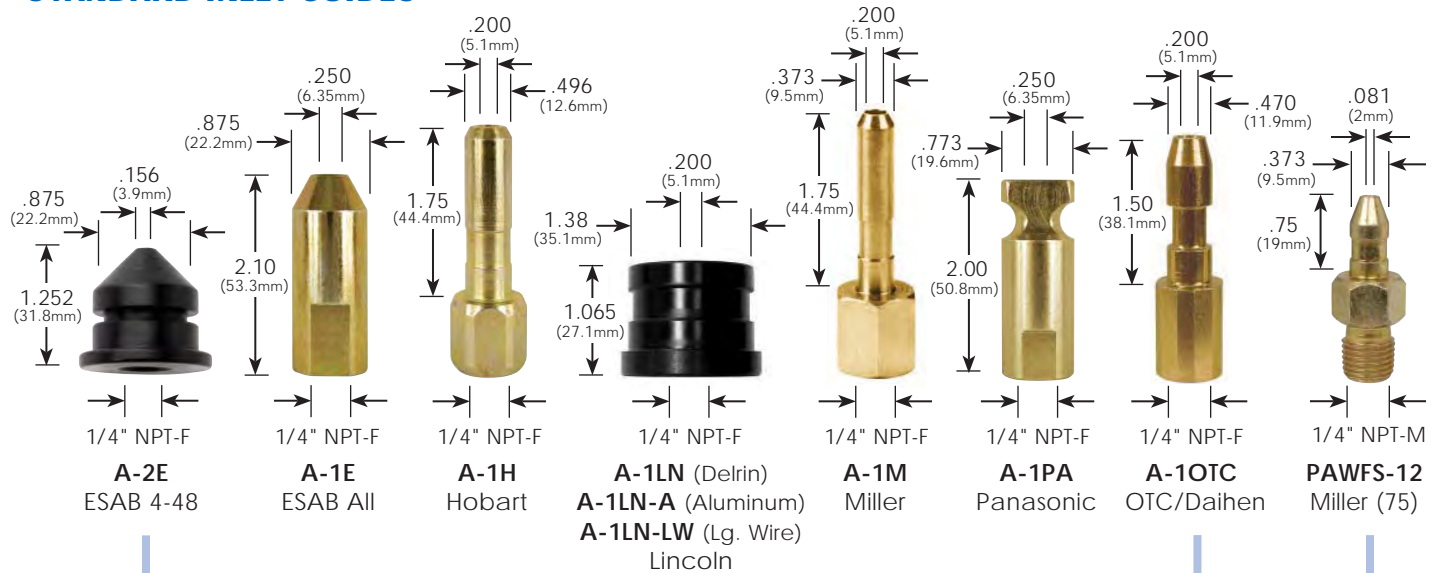
- ▶ NPT male (M) and female (F) pipe threads for optimum sealing
- ▶ Countersunk for restriction-free wire piloting



QUICK DISCONNECTS



STANDARD INLET GUIDES



Use **A-4-ST** (1/4" NPT-M) with fittings above for quick disconnect capability or (brass **A-4** quick disconnect also available)

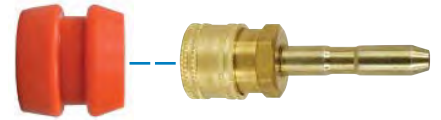
A-3
1/4" NPT-F



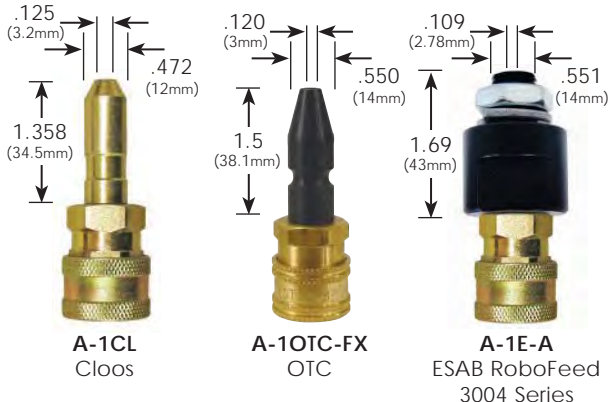
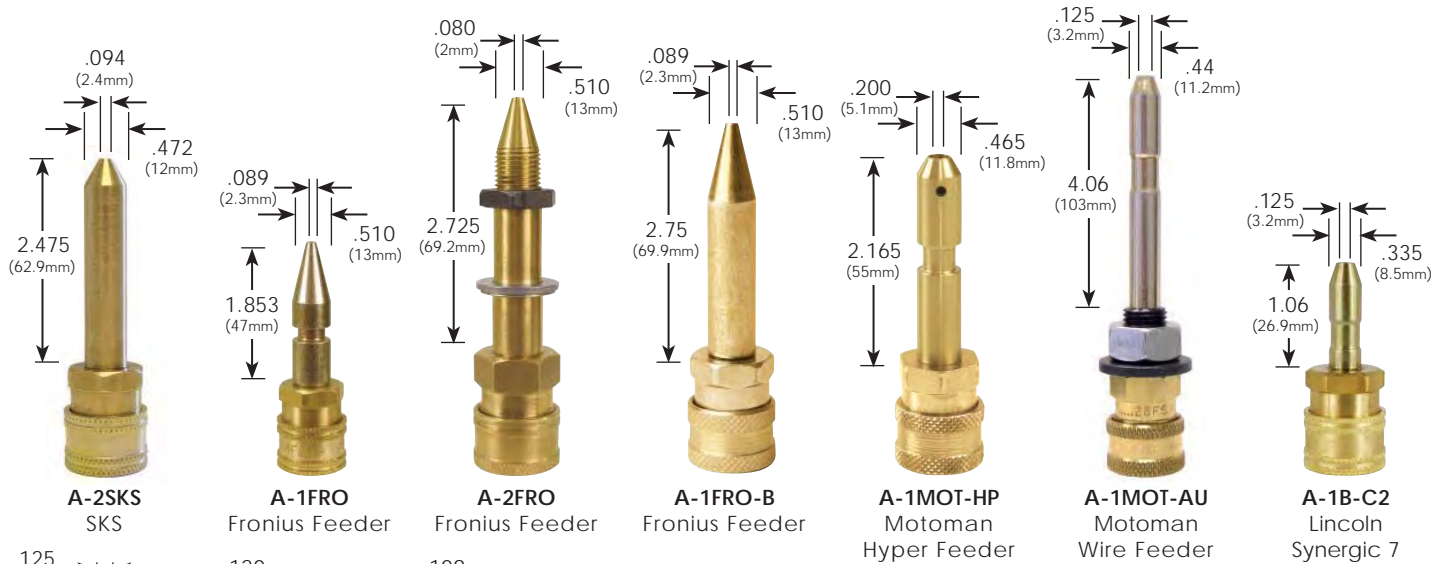
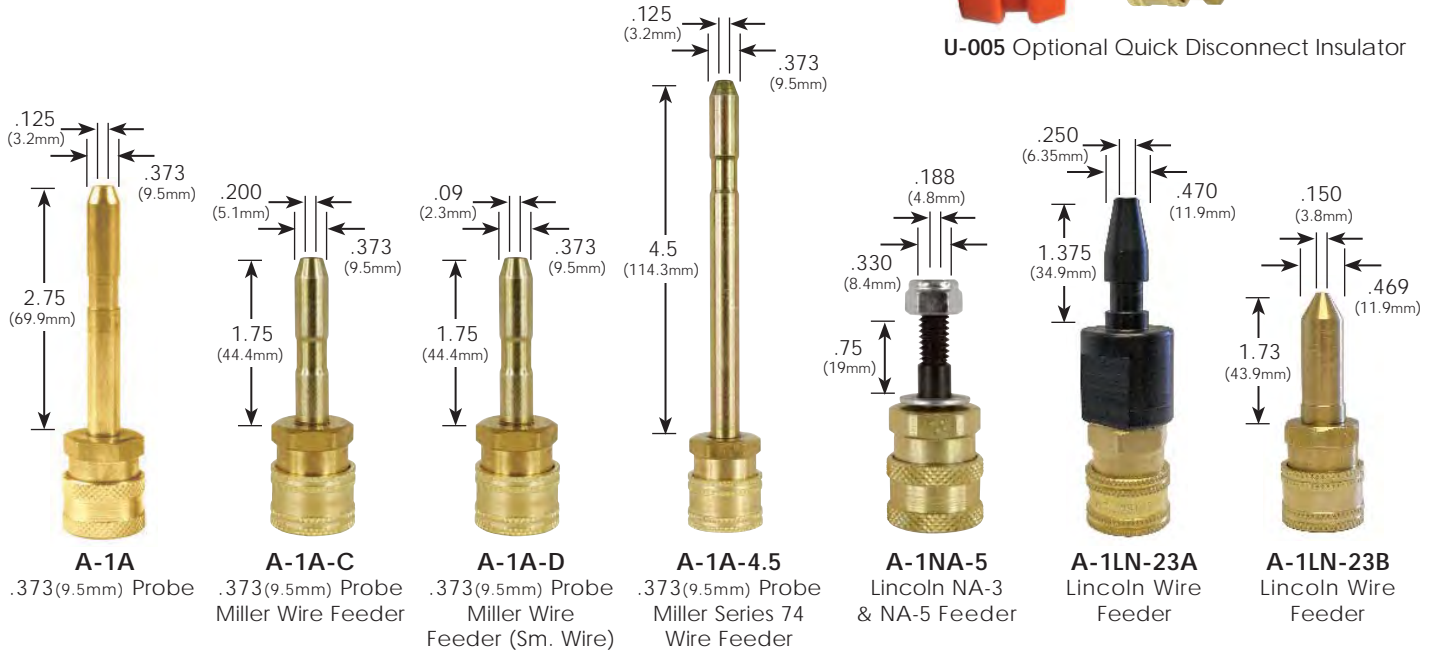
E-Z FEED™ CONNECTORS

INLET GUIDES WITH QUICK DISCONNECTS

- ▶ For steel weld wire feeder and straightener applications
- ▶ Provides trouble-free interface of connections
- ▶ Quick disconnects feature eight retainer bearings

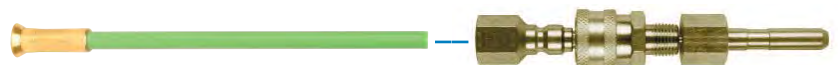


U-005 Optional Quick Disconnect Insulator



CONNECTOR LINERS

- ▶ Designed to line steel connectors when using aluminum and other non-ferrous metal wires
- ▶ Non-metallic to prevent abrasion and contamination



A-4L-H 0.09 (2.3mm) ID EC-1

WIRE STRAIGHTENERS

Wire Wizard® manufactures four versions of wire straighteners that can be used to straighten or recast all types of wire. The main body is constructed of aluminum, making our straighteners some of the lightest in the market. All models are equipped with a locating calibration on the face of the unit and a fine adjustment scale on the tension knob. This results in an extremely fast and accurate setting of wire cast. Our full range of fittings and inlet guides guarantee a trouble-free fit for any application or system.



SMALL WIRE STRAIGHTENERS MODELS WSS-100 & WSS-100-A

For Wire Sizes .035 to .062 (Order **WSS-100-A** for Aluminum Wire)

Dimensions: 3.74" W x 3" H x 1.63" D (95mm W x 78mm H x 41.3mm D)

Weight: 1 lb (0.45 kg)



WSS-100 Drive Rolls
U-Groove Drive
Rolls for Steel Wire



WSS-100-A Drive Rolls
V-Groove Drive Rolls
for Aluminum Wire

INSULATED MOUNTING KITS

Available for all models



WSS-100-IK
Small
WSM-100-IK
Medium
WSL-100-IK
Large

SMALL WIRE STRAIGHTENER FITTINGS*

NON-THREADED FITTINGS

Connection to
disconnect, on
feeder or in-line



Steel Wire: A-1QD-12 or A-1QD-5/32 (for large wire)

Connection to
disconnect, on
feeder or in-line



Aluminum Wire: A-1QD-5/32 & A-4L-H liner



Steel or Aluminum Wire: A-1C-S-12 Delrin
with ceramic inlet



WSS-100
Steel Wire Straightener
or
WSS-100-A
Aluminum Wire Straightener

*Fittings may be used as inlets or outlets
depending on setup

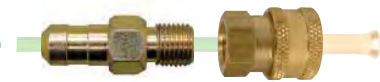
THREADED FITTINGS

A-3 Quick Disconnect



Steel Wire: A-1LN-S-12 or A-1LN-S-5/32 (for large wire)

A-3 Quick Disconnect



Aluminum Wire: A-1LN-S-5/32 & A-4L-H liner

MEDIUM WIRE STRAIGHTENER

MODEL WSM-100

For Wire Sizes .062 to 3/32" (1.6 - 2.4mm)

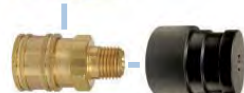
Dimensions: 5.71" W x 3.34" H x 1.875" D
(145mm W x 84.7mm H x 47.63mm D)

Weight: 1.75 lbs (0.8 kg)

FITTINGS FOR WSM-100

Order **A-1LN-K** for Inlet/Outlet
Kit (includes two A-1LN's)

A-16M-ST
Attaches to QD



A-4 Quick
Disconnect

A-1LN
Inlet Guide



LARGE WIRE STRAIGHTENER

MODEL WSL-100

For Wire Sizes 3/32" (2.4mm) & Larger

Ideal for heavy duty SAW applications

Dimensions: 8.66" W x 4.09" H x 2.25" D
(220mm W x 103.8mm H x
57.2mm D)

Weight: 4 lbs (1.8 kg)

FITTINGS FOR WSL-100

Order **A-1LN-K-LW** for Inlet/Outlet Kit (inc. two A-1LN-LW's)



WS-10S
Outlet Adapter
for Lincoln
10S Feeder
(Inlet Adapter
pt. # **WS-LW**),
inc. ceramic

A-16M-ST-HD
Attaches to QD



A-4HD Quick
Disconnect

A-1LN-LW
Inlet Guide





WGM-PFA-STAND
Adjustable Stand for up to 4 Drums, Spools or Wood Reels Adjusts to 86" (2.2m)
Inc. 1 arm, additional arms sold separately



WGM-PFA-STAND-4
Spool option for WGM-PFA-STAND



PFA-WM
Remote Mounting Bracket
For surface mounting



PFA DRIVE ROLLS
(sold individually)
All PFA drive rolls are **hard chromed & polished** for maximum performance and durability.

WIRE PILOT® PNEUMATIC WIRE FEED ASSIST

The **Wire Pilot® Pneumatic Feed Assist** provides an economical way to help your wire feeder move wire through the conduit in applications where the wire must have minimal friction, travel a long distance or where the workload on the wire feeder must be reduced. When combined with the Feed Assist allows the ultimate flexibility when it comes to wire delivery and **wire packages can be located 150 ft (46m) or more away from the arc**. Using only compressed air, this unit easily relieves several pounds of pulling force from the feed motor. Adjustable torque setting **prevents "bird nesting,"** commonly occurring in aluminum or light wire applications. Compatible with ferrous & non-ferrous wire. Oil-free & oiled motor option. *Patented design.*

- ▶ **Eliminates drag coefficient inside the conduit**
- ▶ Provides "Push-Pull" system to get wire from source to the feeder
- ▶ Extends conduit life & increases arc-on time
- ▶ Enables longer conduit runs (150 ft/46m+), enabling centrally located wire packages as well as allowing the use of bulk wire in many applications that would normally require small spools
- ▶ Prevents burn backs caused by wire feeding problems
- ▶ Solves many feeding issues with large diameter wire used for SAW
- ▶ Adapts to other Wire Wizard® wire delivery equipment

WIRE PILOT® FEED ASSIST & ACCESSORIES

ITEM	PART NO.
Wire Pilot® Feed Assist with oil-free motor, inc. PFA-FR Filter/Regulator	PFA-LM-15
Wire Pilot® Feed Assist with oiled motor, inc. PFA-FRL Filter/Regulator/Lubricator	PFA-LM
Inlet/Outlet Guide with A-4-ST Quick Disconnect for PFA-LM-15	PFA-QD
Inlet/Outlet Guide with A-4HD Disconnect (for FC-XH-LW conduit) for PFA-LM-15	PFA-QD-LW
Inlet Guide with Quick Disconnect for PFA-LM	A-1B-C
Inlet Guide w/Ceramic Inlet for PFA-LM-15	PFA-35-15
Large Wire Inlet Guide w/Ceramic Inlet for PFA-LM-15	PFA-64
Inlet Guide with 3/8"-18 NPS-F threads (connects to A-4HD disconnect) for PFA-LM	PFA-34
Inlet Guide w/Ceramic Inlet for PFA-LM	PFA-35
Drum Adapter for PFA-LM-15	PFA-DA-15
Drum Adapter for PFA-LM	PFA-DA
Turn Table Adapter Kit for Wire Pilot® Feed Assist	PFA-WWTT
Adjustable Wire Pilot® Feed Assist Stand for Drums or Spools	WGM-PFA-STAND
Additional Arm for Wire Pilot® Feed Assist Stand	WGM-PFA-STAND-ARM
Wire Spool Holder for Wire Pilot® Feed Assist Stand	WGM-PFA-STAND-4
Wire Pilot® Guide Module Mounting Adapter (for PFA-LM-15 only)	WGM-PFA-AK-15
Wire Pilot® Swivel Kit for Wire Guide Modules (see pages 14-17)	WGM-PFA-SW-15
24-volt Pneumatic Solenoid with Cable	PFA-SK
Wire Retract Kit for Reversing Wire Feed (24-volt)	PFA-RK
Wire Pilot® Dual Mount Bracket	PFA-DM
Wire Pilot® Remote/Wall Mounting Bracket	PFA-WM
Wire Pilot® Pivoting Extension Arm Bracket	PFA-WM-EA

DRIVE ROLLS FOR WIRE PILOT® FEED ASSIST

Feed Assist Drive Roll for .035" (.9mm) wire	PFA-DR-035
Feed Assist Drive Roll for .045" (1.2mm) wire	PFA-DR-045
Feed Assist Drive Roll for .052" (1.3mm) wire	PFA-DR-052
Feed Assist Drive Roll for 1/16" (1.6mm) wire	PFA-DR-1-16
Feed Assist Drive Roll for 5/64" (2.0mm) wire	PFA-DR-5-64
Feed Assist Drive Roll for 3/32" (2.4mm) wire	PFA-DR-3-32
Feed Assist Drive Roll for 1/8" (3.2mm) wire	PFA-DR-1-8
Feed Assist Drive Roll for 5/32" (4.0mm) wire	PFA-DR-5-32
Feed Assist Drive Roll for 3/16" (4.8mm) wire	PFA-DR-3-16



Blue Magic®

ITEM	PART NO.
32 oz Spray Bottle	EAS1000-C32
1 gal Bottle	EAS1000-C1
5 gal Container	EAS1000-C5
55 gal Drum	EAS1000-C
275 gal Bulk Tote	EAS1000-CT
5 gal Concentrate	EAS1000-C-CON
55 gal Concentrate	EAS1000-C-CON-55
Manual Drum Pump (55 gal)	EAS1000-DP
Drum Wrench (55 gal)	EAS1000-DW

BLUE MAGIC® ANTI-SPATTER & NOZZLE CLEANER

A cost effective, environmentally safe product, this new generation of anti-spatter provides superb performance even in high temperature applications. Biodegradable formula contains no harmful chemicals and is noncombustible. And, because it contains one of the lowest water contents available, ***you get protection, not water.***

- ▶ Surfactants provide excellent wetting & lubricity in torches
- ▶ **Protects against spatter build-up & char residue**
- ▶ Keeps clean-ups to a minimum
- ▶ **Contains no silicone**—easily painted over
- ▶ Low pH level inhibits multi-metal corrosion
- ▶ Will not evaporate, keeping lines & nozzles clog-free
- ▶ Contains biocide, providing longer shelf life in warm climates
- ▶ **Available in concentrated form in 5 gallon buckets**
1 bucket makes 55 gal. anti-spatter, ideal for overseas shipping



BLUE MAGIC® HD HIGH DUTY CYCLE ANTI-SPATTER

Introducing our toughest anti-spatter yet! The new Blue Magic® HD anti-spatter is specially formulated for extremely high temperature, long duty cycle applications.

- ▶ Special formula provides maximum protection
- ▶ Will not evaporate, even under conditions with extreme heat
- ▶ Reduces downtime for clean-ups in long duty cycle applications that generate extreme heat and excessive spatter

BLUE CHILL® ANTI-SPATTER & NOZZLE CLEANER

Increase weld productivity with this specially blended formula that not only protects surfaces from spatter, slag, and scale but also **quickly cools down hot nozzles!** No mixing required.

- ▶ Extends nozzle and contact tip life
- ▶ Remains stable and will not evaporate
- ▶ Environmentally safe, non-toxic, biodegradable



Blue Chill®

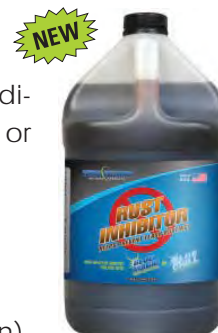
ITEM	PART NO.
32 oz Spray Bottle	EAS1000-BC32
1 gal Bottle	EAS1000-BC1
5 gal Container	EAS1000-BC5
55 gal Drum	EAS1000-BC
275 gal Bulk Tote	EAS1000-BCT

Anti-spatter samples available upon request

RUST INHIBITOR ADDITIVE PART #EAS1000-RI

Help **prevent flash rusting** with our Rust Inhibitor additive formulated for mixing with either Blue Magic® or Blue Chill® Anti-spatter. 1 gallon (3.8 L).

- ▶ Helps eliminate flash rusting, reducing prep time for part finishing
- ▶ One gallon is enough to mix up to 55 gallons of anti-spatter (mixing ratio depends on application)



DRUM LIFTER Model FDL

- ▶ Spring loaded clamp design holds drum firmly in place
- ▶ For fiber or steel drums (chimed only)
- ▶ Accepts diameters from 18.5" to 26" (470mm to 660.4mm)
- ▶ 1200 lbs (544 kg) capacity

*NOTE: Drum rim must be within 1" (25.4mm) of the top of the drum.
Content weight must not exceed the drum manufacturers' packing limit.
Drums must be closed with lids properly sealed. Not for lifting over 10" (254mm) high.*

FORK LIFT ADAPTER

Model FDL-FA (for standard forks)

Model FDL-FA-6 (for 6" wide forks)

- ▶ Adjustable T-handle keeps adapter from sliding off fork
- ▶ Safety style clasp **secures** adapter to drum lifter
- ▶ 1200 lbs (544 kg) capacity



FDL DRUM LIFTER WITH FDL-FA

DRUM SHARK DRUM LIFTER Model FDL-C

- ▶ Lifts both chimeless and chimed fiber drums
- ▶ Four locking jaws firmly "bite" the drum without causing damage
- ▶ Accepts 20" to 26" (508 to 660mm) diameters inc. Accu-Trak® & Marathon Pak®
- ▶ 1200 lbs (544 kg) capacity



FDL-C DRUM SHARK WITH FDL-FA

ISO DRUM LIFTER (ADJUSTABLE) Model FDL-HS

- ▶ Easily attaches to chimeless ISO drums with straps or handles
- ▶ Accepts 20" to 26" (508 to 660mm) drum diameters including Accu-Pak® and Marathon Pak®
- ▶ 1200 lbs (544 kg) capacity

21" DRUM LIFTER (NON-ADJUSTABLE) Model FDL-21-12

- ▶ Accepts 20" to 21" (508 to 533mm) drum diameters
- ▶ 1200 lbs (544 kg) capacity

24" DRUM LIFTER (NON-ADJUSTABLE) Model FDL-24-12

- ▶ Accepts 23" to 24" (584 to 610mm) drum diameters
- ▶ 1200 lbs (544 kg) capacity

29" DRUM LIFTER (NON-ADJUSTABLE) Model FDL-29

- ▶ For 29" (737mm) wide drums or boxes - 1200 lbs (544 kg) capacity



FDL-HS



FDL-21-12, FDL-24-12 OR
FDL-29

**Drum lifter load test certifications are available on our website at www.wire-wizard.com*

INERT GAS SAVERS

- ▶ Reduces gas consumption
- ▶ Restricts gas surge upon arc starts, screen also prevents blockage
- ▶ Can be installed on the inlet or outlet side of the gas solenoid*
- ▶ Flow jets can be changed depending on application

NEW



GFJ-P-SKS-2
In-line gas saver/
power pin for
SKS torches

GAS SAVERS - INCLUDE SCREENS & JETS 1, 2 or 3
(JETS INDICATED NUMERICALLY IN PART NUMBER)

PART NO.	THREADS	JET LOCATION
GFJ-1, 2 or 3	1/4"-18 Male NPT x 5/8"-18 Female	Female End
GFJ-1A, 2A or 3A	5/8"-18 Male x 5/8"-18 Female	Male End
GFJ-1B, 2B or 3B	5/8"-18 Male x 5/8"-18 Female	Female End
GFJ-1D, 2D or 3D	1/4"-18 Male NPT x 1/4"-18 Female NPT	Male End
GFJ-F1, F2 or F3	1/4"-19 Male BSPP x 1/4"-19 Female BSPP	Female End

GAS SAVER FLOW JETS

PART NO.	JET	30 PSI	35 PSI	40 PSI	45 PSI	50 PSI	55 PSI
GFJ-1*	1	10 CFH	11 CFH	12 CFH	13 CFH	14 CFH	15 CFH
GFJ-2*	2	29 CFH	33 CFH	36 CFH	39 CFH	42 CFH	45 CFH
GFJ-3*	3	51 CFH	55 CFH	61 CFH	66 CFH	71 CFH	76 CFH

Jet #1 - TIG • Jet #2 - MIG, Light Wire • Jet #3 - MIG, Heavy Wire

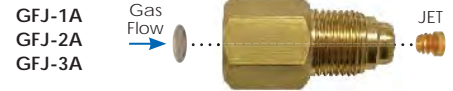
IN-LINE TORCH POWER PIN GAS SAVERS

GFJ-P-SKS-2	In-line gas saver / power pin for SKS torches (inc. jet #2)
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Gas Saver for Standard Outlet



Gas Saver for Inlet Side of Solenoid



Gas Saver for Outlet Side of Solenoid



Gas Saver for Inlet Side of Solenoid



Gas Saver with BSPP Threads (Fronius® style)



NEW



MANUAL GAS FLOW GAUGES Models EL-GFM & EL-GFM-1

Measures the actual flow of shielding gas from the MIG/TIG torch, allowing adjustments to be made at the cylinder gauge if necessary. An economical solution for improving overall welding performance.

- ▶ Measures gas flow consumption (l/min) at the nozzle
- ▶ **EL-GFM** features flexible hose for easy operator readings on robotic torches; use **EL-GFM-1** for semi-automatic torches

PRECISION PORTABLE GAS FLOW SENSOR Model EL-GMP

This hand-held **digital** sensor allows the operator to verify shielding gas flow rate at the weld tip with outstanding accuracy and response.

- ▶ For MIG or TIG torches
- ▶ Includes hose and filter assembly that fits over all nozzles
- ▶ Pre-calibrated for argon, C25, CO₂ or any mixed inert shield gas
- ▶ Battery life (typical 9v): 8-10 hours (includes low battery indicator)



WELD SHIELD GAS FLOW SWITCH Model EL-RVMU



Compact design provides reliable and accurate detection of excessive or insufficient flow rate at the weld point. Calibrated scale offers visual flow rate indication for quick and easy switch adjustment.

- ▶ Ideal for protecting against gas flow failure
- ▶ Stainless steel body mounts in any position
- ▶ Sends output for visual confirmation of gas flow

FLOW METERING DEVICES

ITEM	PART NO.
Manual Gauge - Robotic	EL-GFM
Manual Gauge - Semi-auto	EL-GFM-1
Digital Gas Flow Sensor	EL-GMP
Flow Switch*	EL-RVMU

** Please specify gas flow range, gas mixture and thread size when ordering*



HHSS
WIRE FEED SENSOR
for in-line readings

WIRE FEED SPEED SENSOR Models HHSS & HHSS-12

This hand-held, battery operated tachometer incorporates the latest single chip micro-circuit technology for high reliability and low maintenance. Capable of measuring and retaining RPH, RPM, FPH, FPM and MPH. Standard accessories include: 3-1/2" (89mm) extension shaft, one funnel and two cone adapters, master wheel (6" / 152mm) and carrying case. Use the new model HHSS-12 for taking readings at the torch end.



HHSS-12
WIRE FEED SENSOR
for readings at torch

Product Features

- ▶ Plugs into existing wire system and conduits
- ▶ Handles wire diameters from .030 to .125 (0.8 to 3.2 mm)
- ▶ Rugged aluminum construction with Delrin wire guide head
- ▶ Displays wire speed with automatic floating decimal point
- ▶ Large 13 test memory selectable to 5 minutes or more

Manual application only. Does not take continuous readings.

WIRE DRAW GAUGE Model WWPT

The electronic **Wire Wizard® WWPT** is designed to accurately measure the draw weight of all diameters of weld wire pulling through the conduit. This allows the operator to determine if the conduit needs to be changed by the amount of strain the wire is creating on the feed motor. Hand-held, battery powered (9-volt).

Product Features

- ▶ Capable of averaging 10 pulls of wire, storing the largest draw
- ▶ Measures in English or metric at the touch of a button
- ▶ Easy to read 5-digit LCD display
- ▶ Ergonomic plastic housing with standard storage case
- ▶ Max pull weight: 12 lb (5.4 kg)



WWPT
WIRE DRAW GAUGE



NOZZLE CLEANING TOOLS

- ▶ Highly effective for cleaning spatter
- ▶ Helps prevent heat build-up and prolongs MIG nozzle life
- ▶ Hand-held design in a choice of five sizes



PART NO.	TIP	NOZZLE
EL-10	1/4" (6.3 mm)	3/8" (9.5mm)
EL-20	5/16" (7.9mm)	1/2" (12.7mm)
EL-30	5/16" (7.9mm)	5/8" (15.8mm)
EL-40	3/8" (9.5mm)	5/8" (15.8mm)
EL-50	13/32" (10.3mm)	3/4" (19.05mm)

EC POLYMER CONDUIT CUTTER & COUNTERSINK TOOL

Model EC-CUTTER & EC-DB

The ratcheting style, heavy duty **EC-CUTTER** is designed to trim all sizes of ELCo blue conduit with ease. Heat treated steel cutting blade. 8.5" (216mm) long.

Use the **EC-DB** ratcheting Countersink Tool for countersinking the ends of polymer conduit (required for proper installation).



EC-CUTTER



EC-DB