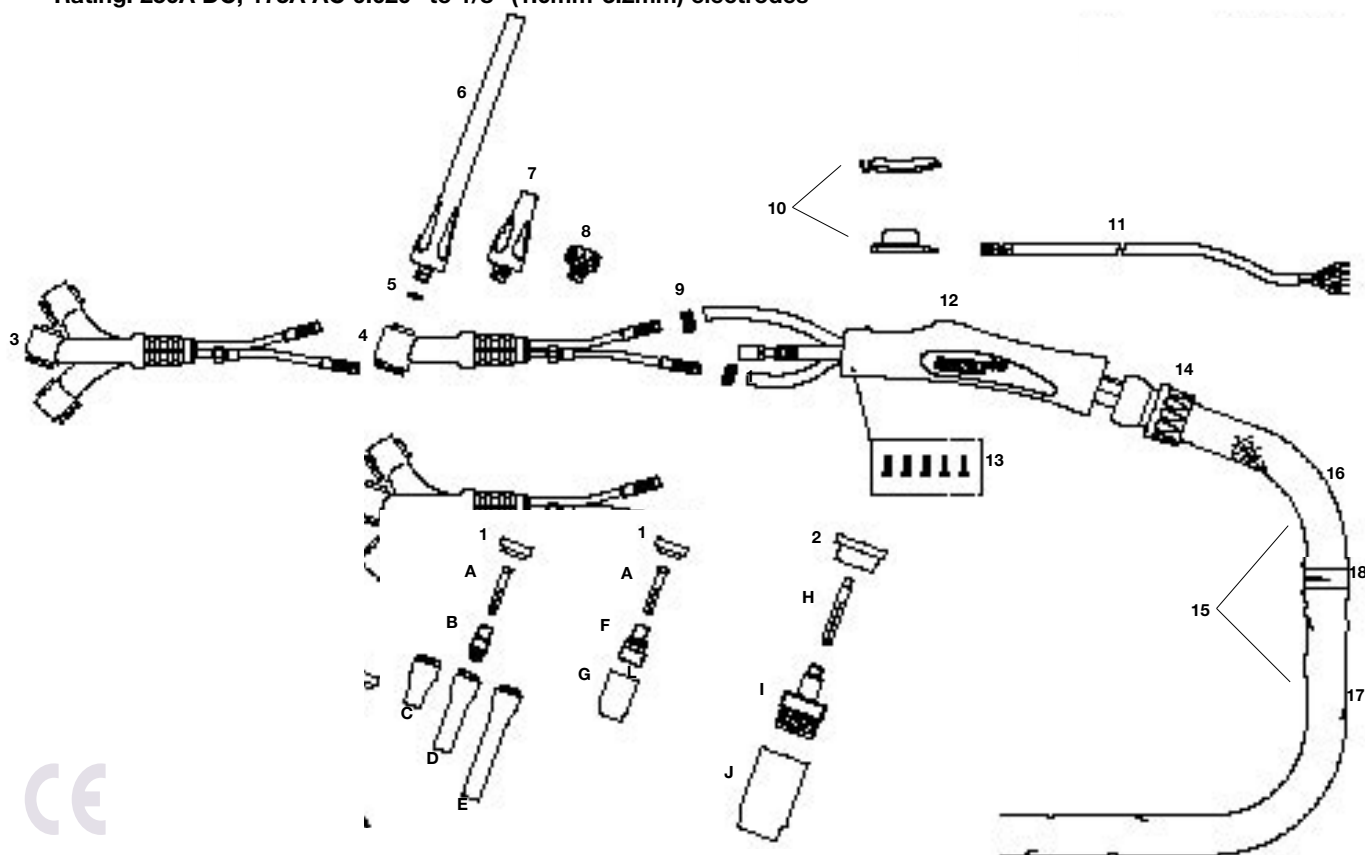


Ergo Tig ER20 and ER20FXL Water Cooled Tig Welding Torch

Rating: 250A DC, 175A AC 0.020" to 1/8" (1.0mm-3.2mm) electrodes



TO ORDER AN ERGO TIG TORCH PACKAGE PLEASE USE THE 5 STAGE PROCESS OUTLINED ON PAGE 1

Example:- ER20FXL-25S1BWO

ER20 Ergo Torch x 25ft with momentary switch, 3/8 BSP fittings and 2 pin Amphneol Plug

Torch Head

Part No.	Description
ER20	ER20 250ADC
ER20FXL	ER20FX 250ADC FLEX

NOTE: See Page 3 for Torch Heads explained

Cable Length

Part No.	Description
12	12.5ft cables (4m) c/w leather cover and sheath
25	25ft cables (8m) c/w leather cover and sheath

NOTE: See Page 21 for Cables explained

Switch Option

Part No.	Description
S1	Momentary Switch
S2	2 Button Momentary
1K	1 Button Momentary +1K Pot
2K	1 Button Momentary +5K Pot
3K	1 Button Momentary +10K Pot
4K	1 Button Momentary +25K Pot
N	Blank

NOTE: See Page 2 for Switches explained

Cable Termination

UK/European Cable Termination

Part No.	Description
BW	3/8BSP On Water, Gas, Power
EW	Central Connector
WW	WTW Connector
LW	L-TEC Euro

USA Cable Termination

Part No.	Description
UW	7/8 UNF LH male on power, 5/8 UNF RH male on gas, 5/8 UNF LH male on water
UE	3595 Dinse on power, 5/8 UNF LH on water In/Out, 5/8 UNF RH male on gas

NOTE: See Page 26 for Terminations explained

Cable Plug

Part No.	Description
0	2 Pin Amphenol Plug
1	4 Pin Amphenol Plug
2	5 Pin Amphenol Plug
3	6 Pin Amphenol Plug
4	14 Pin Amphenol Plug
5	6 Pin Harting Plug
6	8 Pin Plug
7	3 Pin Tuchel Plug
8	9 Pin Tuchel Plug
9	5 Pin Tuchel Plug
10	12 Pin Bundy Plug

NOTE: See Page 31 for Cable Plugs explained

A Standard Collet	
Part Number	Description
13N20	Standard Collet 0.020"/0.5mm Bore
13N21	Standard Collet 0.040"/1.0mm Bore
13N22	Standard Collet 1/16"/1.6mm Bore
13N22M	Standard Collet 5/64"/2.0mm Bore
13N23	Standard Collet 3/32"/2.4mm Bore
13N24	Standard Collet 1/8"/3.2mm Bore

B Standard Collet Body	
Part Number	Description
13N25	Standard Collet Body 0.020"/0.5mm Bore
13N26	Standard Collet Body 0.040"/1.0mm Bore
13N27	Standard Collet Body 1/16"/1.6mm Bore
13N27M	Standard Collet Body 5/64"/2.0mm Bore
13N28	Standard Collet Body 3/32"/2.4mm Bore
13N29	Standard Collet Body 1/8"/3.2mm Bore

C Standard Ceramic Cup	
Part Number	Description
13N08	Standard Ceramic Cup 1/4"/6mm Bore
13N09	Standard Ceramic Cup 5/16"/8mm Bore
13N10	Standard Ceramic Cup 3/8"/10mm Bore
13N11	Standard Ceramic Cup 7/16"/11mm Bore
13N12	Standard Ceramic Cup 1/2"/15mm Bore
13N13	Standard Ceramic Cup 5/8"/16mm Bore

D Long Ceramic Cup	
Part Number	Description
796F70	Long Ceramic Cup 3/16"/5mm Bore
796F71	Long Ceramic Cup 1/4"/6mm Bore
796F72	Long Ceramic Cup 5/16"/8mm Bore
796F73	Long Ceramic Cup 3/8"/10mm Bore

E Extra Long Ceramic Cup	
Part Number	Description
796F74	X Long Ceramic Cup 3/16"/5mm Bore
796F75	X Long Ceramic Cup 1/4"/6mm Bore
796F76	X Long Ceramic Cup 5/16"/8mm Bore
796F77	X Long Ceramic Cup 3/8"/10mm Bore

F Gas Lens Body	
Part Number	Description
45V41	Gas Lens Body 0.020"/0.5mm Bore
45V42	Gas Lens Body 0.040"/1.0mm Bore
45V43	Gas Lens Body 1/16"/1.6mm Bore
45V44	Gas Lens Body 3/32"/2.4mm Bore
45V45	Gas Lens Body 1/8"/3.2mm Bore

G Gas Lens Cup	
Part Number	Description
53N58	Standard Gas Lens Cup 1/4"/6mm Bore
53N59	Standard Gas Lens Cup 5/16"/8mm Bore
53N60	Standard Gas Lens Cup 3/8"/10mm Bore
53N61	Standard Gas Lens Cup 7/16"/11mm Bore
53N61-S	Standard Gas Lens Cup 1/2"/15mm Bore

H Large Diameter Gas Lens Collet	
Part Number	Description
13N22L	Lge Dia Gas Lens Collet 1/16"/1.6mm Bore

I Large Diameter Gas Lens Body	
Part Number	Description
45V116S	Lge Dia Gas Lens Bdy 1/16"/1.6mm Bore

J Large Diameter Gas Lens Cup	
Part Number	Description
57N75	Lge Dia Gas Lens Cup 3/8"/10mm Bore
57N74	Lge Dia Gas Lens Cup 1/2"/11mm Bore
53N88	Lge Dia Gas Lens Cup 5/8"/16mm Bore
53N87	Lge Dia Gas Lens Cup 3/4"/19mm Bore

Components		
	Part Number	Description
1	598882	Cup Gasket
2	54N63-20	Insulator Large Dia Gas Lens
3	ER20FXL	Torch Head Flexible
4	ER20	Torch Head
5	98W18	Back Cap O Ring
6	ER41V24	Ergo Tig Back Cap Long
7	ER41V35	Ergo Tig Back Cap Medium
8	ER41V33	Ergo Tig Back Cap Small
9	53NO4	Wire Clamps
10	ER1MS	Momentary Switch Kit (fitted as Standard) Alternative switch options are listed on Page 2
11	ERSWL4	Switch & Leads x 4mt
	ERSWL8	Switch & Leads x 8mt
12	ERH100	Ergo Tig Handle Small
13	ERSP	Screw Pack
14	ERKJ100	Knuckle Joint - Small
15	ERCO100-40	Complete Cover Assembly x 4mt
	ERCO100-80	Complete Cover Assembly x 8mt
16	ERLC100-08	Leather Cover x 0.8mt
17	ERNCL-32	Neoprene Cover x 3.2mt
	ERNCL-72	Neoprene Cover x 7.2mt
18	ERJK100	Jointing Repair Kit

Alternative end terminations are listed on Page 22