

TIG DC PULSED Fabricator ET 410iP

Part Number	0447101881
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Panel Information

Product Family	Product Name
Fabricator powersource panel	nn

Panel Functions

Method selection: TIG HF, TIG Lift Arc, MMA	TIG DC main settings	TIG DC Pulse main settings	MMA
Tig Selection: DC, DC Pulse,	Pre/Post Gas	Pulse current	Start Pulse (similar to hot start)
MMA Selection: DC	Slope UP/DOWN	Pulse %	Arc Force
Selection 2T/4T/4TS/SPOT	Start Pulse (similar to hot start)	Pulse Hz	Set current
VRD	Initial /Set / Final current	Background current	

STEP 2

Cooling Unit Selection

Optional. If you include, select also trolley adapter (see accessory list)

Product Family	Product Name	Ordering Part Number	Cooling power	Max water flow	Coolant quantity	Max pressure lift for torch Qmax	Weight
Cooling unit	Cool 2	0465427880	1 kW	1,8 l/Min	4,5l	4,6 bar	15 kg

STEP 3

Accessory selection

Package composition	Accessory to select	Ordering part number	Gas bottle	Cooling unit
Including cooling unit	Trolley 4 wheels	0349313450	Yes	Yes
Without cooling unit	Wheel kit for powersource	0447996127	No	No

STEP 4

Torches Selection





Cooling	Duty cycle	Electrode Ø	Module	Handle	4m	8m	Model
Liquid	340 A @100%	0,5 - 4,0 mm	Potentiometer	Small	0700026294	0700026295	EXEOR TIG 21-R
Liquid	320 A @100%	0,5 - 4,0 mm	Trigger	Large	0700026280	0700026281	EXEOR TIG SR 18
Gas	200 A @ 60%	0,5 - 4,0 mm	Trigger	Large	0700025518	0700025519	EXEOR TIG SR 26
Gas	280 A @ 35%	0,5 - 4,0 mm	Trigger	Large	0700026240	0700026241	EXEOR TIG SR X26




STEP 1

Powersource Selection

Technical Information	
Input voltage	400 V +/- 15%, 3ph 50/60Hz
Voltage/Current range TIG DC MMA	5 A / 10,2 V - 410 A / 26,4 V 30 A / 21,2 V - 410 A / 36,4 V
Open circuit Voltage U0 Max VRD deactivated VRD function activated	76 V 13,5 V
Efficiency Efficiency TIG @ Max Current Efficiency MMA @ Max Current	86% 88%
Power factor TIG @ Max current	0.79
Power factor MMA @ Max current	0.82
Permissible load TIG (GTAW)	410 A / 26,4 V @ 60% 310 A / 22,4 V @ 100%
Permissible load MMA (SMAW)	410 A / 36,4 V @ 60% 310 A / 32,4 V @ 100%
Idle state power (fan stop running)	40 W (VRD OFF) 15 W (VRD ON)
Continual sound pressure at no load	<70db (A)
Dfuse slow	32 A
Operating temperature	- 10° + 40° C (+14° to +104° F)
Enclosure class	IP23S
Insulation class	F
Application class	S
Dimension L x W x H	525 x 280 x 475mm
Weight	38,5 kg
Approvals	CE, ECODesign

STEP 5**Accessories Selection**

Product Name	Part No.	
MMA 4 Analogue Remote Control incl. 10 m cable and 8-pin connector	0700500084	
Cool 2 Adaptor (Connect Fabricator ET 410iP with Cool 2)	0447248001	
tig Foot control unit Including 4,6 m	W4014450	
ESAB ready mixed coolant Use of any other cooling liquid than the prescribed one might damage the equipment. In case of such damage, all warranty undertakings from ESAB cease to apply.	0465720002	

Product Name	Part No.	
MMA welding cable 400A, Twist, 50 mm 2, 5 m, OKC50 (Handy 400)	0700006890	
MMA welding cable 500A, Twist, 50 mm 2, 5 m, OKC50 (ESAB 500)	0700006892	
Return cable 500A, 50 mm2, 5 m, OKC 50 (EG 600)	0700006893	

Schweißtechnik Lambach GmbH
www.stl.at