



FILCORD

SAF-FRO

FILCORD i300

FILCORD i250 • FILCORD i300
COMPACT RANGE

PLAYMAKER
OF THE WORKSHOP

www.saf-fro.com


SAF-FRO®

PLAYMAKER OF THE WORKSHOP

Processes

- GMAW
- FCAW-G
- FCAW-S
- SMAW

Materials

- Steel
- Stainless Steel
- Aluminum

Applications

- General fabrication
- Maintenance and Repair

The **FILCORD-i COMPACT RANGE** is a professional inverter, designed for daily use, ensuring optimal MIG/MAG (GMAW/FCAW) and MMA (SMAW) welding performance.

Products in the range are easy to use and set-up and allow welding of a small size and light construction, or repair vehicle and light agricultural machinery.

The range consists of 250A and 300A power sources with large LED displays and easy to set-up user interface.

FILCORD-i includes as standard 4-rolls wire drive system for perfect feedability of different types of material, EURO socket for MIG gun connection and undercarriage with wheels and space on the back for the gas bottle installation.



WARRANTY
2
YEARS



FILCORD i250/i300



FILCORD i250
250A@35%

FILCORD i300
300A@35%

Input



Output



S300 /S200



UNIT INCLUDES

- Input cable (3 m) without plug
- Ground cable (3 m)
- Gas hose (2 m)
- Rolls for 0.8 / 1.0 solid wire
- Operator's Manual on the USB stick

SPECIFICATIONS

Product	Item Number	Input (V)	Fuse Type rG or Circuit Breaker Type Z	Rated Output (A)			Output Range (A)	Wire Feed Type / Speed Range (m/min)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
				100%	60%	35%					
Filcord i250	W100000315	400V 3Ph ±10% 50/60Hz	16A	175	230	250	50-250	4R / 1,5-18	50	760 x 395 x 830	IP23
Filcord i300	W100000316			175	230	300	50-300				

Product	Processes			Mode	Synergic Modes	A/V Meters	Wire Size Range			Wire Drive System	Max wire spool size [mm]	Warranty (years)
	GMAW	FCAW	SMAW				Solid	Cored	Aluminium			
Filcord i250	•	•	•	CC/CV	• (24)	LEDs meters	0.6-1.2	0.8-1.0	1.0-1.2	4R (Ø30 mm)	300	2
Filcord i300												

FUNCTIONALITIES & ERGONOMICS

- Perfect feedability with a 4 roll wire drive
- Easy access for wire spool installation
- Easy Polarity change
- EURO socket as standard
- Big wheels and low gas cylinder entry



Low gas cylinder entry makes loading very easy

Easy access for wire spool installation
simple and comfortable spool change

Practical handle for safe movement of the machine

Three controls and few buttons **for quick process selection and parameters settings**

Solid, metal construction

Big wheels as standard for mobility
Small footprint





QUICK PROCESS SELECTION AND PARAMETERS SETTINGS

- Manual and Synergic Mode
- GMAW/FCAW and SMAW processes
- Workpoint in m/min or Amps for GMAW Synergic
- 2T/4T MIG gun trigger mode
- 24 synergic programs as standard for Steel, Stainless Steel, Flux-Cored and Aluminium welding
- Run-In and Burnback for GMAW welding

Large and bright LED display

Simple navigation also when using welding gloves

24
SYNERGIC
PROGRAMS

PREMIUM MIG WELDING GUNS – LINGGUN® PROMIG™



NEW
Mono-bloc nozzle: double nozzle seat insulation with PTFE and silicon glass



NEW
Ergonomic, flexible ball joint handle



NEW
Special handle construction with air pockets which insulate the handle from the heat and extend the life of the gun



NEW
Unfailling power cables designed and engineered to withstand over 1 million bends

Firm grip handle, two sizes



Additional strengthening ring protecting the swan neck against mechanical damage

Reliable trigger tested in harsh conditions



Special liners made of higher tensile raw materials produce stiffer liners, provide less friction and last longer



AIR-COOLED MODELS

		LG PROMIG 230T	LG PROMIG 270	LG PROMIG 300
Duty cycle	CO ₂	230 A @ 60%	270 A @ 60%	300 A @ 60%
	M21	200 A @ 60%	240 A @ 60%	270 A @ 60%
Wire diameter options		0.8-1.0 mm	0.8-1.0 mm	1.0-1.2 mm
Original equipment	Contact tip	0.8 mm steel	1.0 mm steel	1.2 mm steel
	Nozzle	Ø 12 mm	Ø 14 mm	Ø 16 mm
Handle size, other feature		Small, rotatable swan neck for comfortable welding in hard-to-reach places	Small	Large
Typical application		Thin plates, automotive industry, out of position welding	Thin plates, light, fabrication, locksmithing	Vessel, manufacture, steel structures, boiler making, structural steelwork
	Reference			
	3 m	W000275408-2	W000345060-2	W000345066-2
	4 m	W000275419-2	W000345061-2	W000345067-2
	5 m	W000275420-2	W000345062-2	W000345068-2

ROLLS

Roll kit for solid wires

Solid drive roll 0.6/0.8	KP69025-0608
Solid drive roll 0.8/0.9	KP69025-0809 *
Solid drive roll 0.8/1.0	KP69025-0810
Solid drive roll 1.0/1.2	KP69025-1012
Solid drive roll 1.2/1.6	KP69025-1216 *

Roll kit for aluminum wires

Aluminum drive roll 0.6/0.8	KP69025-0608A *
Aluminum drive roll 0.8/0.9	KP69025-0809A *
Aluminum drive roll 1.0/1.2	KP69025-1012A
Aluminum drive roll 0.8/1.0	KP69025-0810A *
Aluminum drive roll 1.2/1.6	KP69025-1216A *

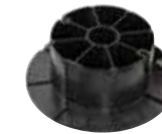
Roll kit for cored wires

Flux cored drive roll 0.6/0.8	KP69025-0608R *
Flux cored drive roll 0.8/0.9	KP69025-0809R
Flux cored drive roll 1.0/1.2	KP69025-1012R
Flux cored drive roll 0.8/1.0	KP69025-0810R *
Flux cored drive roll 1.2/1.6	KP69025-1216R *

* on request



**ADAPTER FOR
SPOOL TYPE B300
K10158-1**



**ADAPTER FOR
SPOOL TYPE B300
K10158**



**ADAPTER FOR
SPOOL TYPE S200
R-1019-125-1/08R**

ACCESSORIES

OPTIONS

Adapter for spool type B300	K10158
Adapter for spool type B300	K10158-1
Adapter for spool S200	R-1019-125-1/08R

MMA KITS

KIT ARC 25C25 PLUS, 3m+2m, 250A@35%	W000260683
KIT 35C50 4 m, 300A@35%	W000011139
Welding cable with electrode holder 5 m / 300A	E/H-300A-50-5M



**MMA KITS
W000260683
W000011139**



**WELDING CABLE
WITH ELECTRODE
HOLDER
E/H-300A-50-5M**



www.saf-fro.com

CUSTOMER ASSISTANCE POLICY

The business of Lincoln Electric is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

Lincoln Electric is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

Subject to Change – This information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectriceurope.com for any updated information.