

SOMAR

BY **SCHULZ**

Inverter Welder



**Reliability,
high performance,
and durability**

www.somar.com.br

INVERTER WELDER SOMAR

The Somar by Schulz inverter welder is a high-performance equipment for demanding welding professionals. It has **IGBT technology**, which provides greater accuracy in the control of the welding current and a voltage compensation system, resulting in a uniform electric arc, with little spatter and aweld bead with greater homogeneity.



FORCED COOLING SYSTEM

High cooling efficiency



TEMPERATURE SENSOR THAT PROTECTS AGAINST OVERHEATING

Greater durability



FIXED CABLES AND THERMOSTAT THAT PROTECT AGAINST OVERLOADS

Greater security



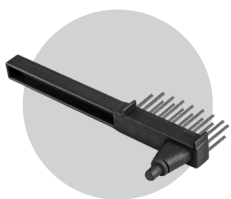
PORTABLE INVERTERS

Easy transportation and storage

INCLUDED ACCESSORIES



Electrode holder



Slag removal
hammer/brush



Negative
claw

TIG Torch
(sold separately)



**FOR PROFESSIONAL
USE**



Access this QR
Code to find
out additional
information

WELDING IN ALL POSITIONS
Horizontal, Vertical and Angled



+



AUTOMATIC FUNCTIONS

HOT START

Automatically increases the output current to enable easier arc opening.

ARC FORCE

Automatically changes the output current to maintain the welding arc open.

ANTI STICK

Cuts current if the electrode sticks to the part for more than 2 seconds, protecting the electrode.

DIGITAL DISPLAY

Accuracy and convenience in welding adjustment

KEY APPLICATIONS

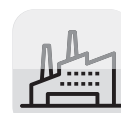
Indicated for welding ferrous materials, carbon steel, stainless steel, cast iron, through electric arc with coated electrodes for intermittent use and/or non-ferrous materials such as copper and brass in the TIG process. Our inverters provide a weld with greater quality and durability.



WORKSHOPS



LOCKSMITHS



SMALL
MANUFACTURERS



CONSTRUCTION

AVAILABLE IN 5 MODELS:

SOMAR GUARANTEES: the inverters deliver the promised actual current

MODEL	INPUT VOLTAGE (V)	CONNECTION	EMPTY VOLTAGE AT THE OUTPUT (V)	INPUT CURRENT RANGE (A)	OUTPUT CURRENT RANGE (A)	FREQUENCY (Hz)	WORK FACTOR (A@%)	Ø COATED ELECTRODE (mm)	EXTENSION SECTION (mm ²)	DIMENSIONS LxWxH (mm)	NOMINAL POWER (kVA)	NET WEIGHT (kg)
MIS 100	127	monofasic	65	28	20-100	50-60	100@40	1,6-3,2	6	220x96x135	4,0	4,6
MIS 130	220		68	25	20-130		130@40	1,6-3,2	6	300x125x115	5,5	4,8
MIS 140 (BIVOLT)	127		76	38	15-100		100@40	1,6-3,2	10	300x125x215	6,5	4,8
	220		65	30	20-140		140@40	1,6-4,0				
MIS 180 (BIVOLT)	127		76	40	15-130		130@40	1,6-4,0	16	300x125x215	7,5	5,4
	220		65	35	20-180		180@40	1,6-4,0				
MIS 200	220		65	36	20-200		200@40	1,6-4,0	16	330x125x215	8,2	6,0

Welding electrodes
AWS E6013 and
AWS E7018

Protection
Degree IP
IP 21S

Complies with
international
standard **IEC**
60974-1

Maximum distance from
switchboard: 15 m (except
MIS 180 at 127V with 12 m)

Recommended circuit
breaker: 50 A (except MIS
180 at 127V with 80 A)



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and learn even more
on our website.

SOMAR

BY SCHULZ



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