

# ARKO FLUX 100

## PROFESSIONAL FCAW WELDING EQUIPMENT (Flux-cored arc welding)

TECHNICAL CHARACTERISTICS	Ref. 22300100AF - FLUX 100
Supply voltage (U1 50/60 Hz)	(1F) 230V $\pm$ 15%
Maximum primary intensity (I1max )	13.4 A
Effective primary intensity (I1eff)	6 A
Continuous regulation range I2min-I2max	20-100 A
Maximum welding intensity I2max.	90 A / 20%
Nominal welding current (100%.)	45 A
Welding voltage U2mín-U2máx.	16.3-19 V
Applicable thread diameter	0.8 mm. (Turbular thread)
Thermal isolation	F (155° C)
Degree of protection	IP21S
Ventilation	Forced
Overall dimensions( L x A x H ) mm.	318 x 135 x 240
Weight	5.4 Kg.

### GENERAL CHARACTERISTICS

#### Description:

The ARKO FLUX line of equipment allows welding using the FCAW (Flux-Cored Arc Welding) process, which is a welding process that uses continuous tubular wire as filler metal. This process is employed with the protection of flux contained within the tubular wire, eliminating the need for shielding gas. It is a faster process and easier to operate than electrode welding.

#### Use:

Professional use. FCAW welding of carbon steels. Power supply: (1F) 230V  $\pm$ 15%

#### Main advantages:

- Much simpler application than with conventional electrode. No need for constant changing of filler material.
- Portable equipment weighing 5.4 kg, with integrated spool and gun.
- Very simple and intuitive regulation.
- No need for gas.
- Single-phase machine with connection to a domestic socket.
- 1 kg wire spool.

