

"Weld Anywhere" tool for MMA and scratch-TIG



Minarc is a lightweight MMA welding machine ideal for use in workshop and site environments. Minarc tolerates large fluctuations of input voltage making it excellent in field conditions with long cables or supply generators. Designed with portability and outdoor use in mind, the Minarc has a durable casing, ease of carry with its shoulder strap and well-protected control knobs. Protection against overload, over voltage, humidity and dust ingress gives excellent reliability. TIG welding is made possible with the scratch-TIG function. The Minarc 150 is also available with a VRD function - lower open circuit voltage for welding in dangerous environments. Minarc 151 is designed to be used with 110V site transformers.



- "Weld Anywhere" tool due rugged construction and mobility - works with generator and long supply cable
- Superior arc performance with wide range of electrodes including cellulosic electrodes
- User-friendly - easy to find correct welding values due to automatic Hot Start and Arc Force
- Reliable partner of extreme conditions

Minarc range covers 150 Amp single phase machines

- **Minarc 150** **230V 1ph**
- **Minarc 151** **110V 1ph**

The Minarc's superior arc performance is based on high voltage reserves and automatic Arc Force. These guarantee that the arc will stay stable in all positions, with any current and even with extra long cables up to 50m. Automatic Hot Start gives perfect ignition in all conditions. U/I-welding characteristic curve has been reformed, application for this Anti Sticking function is to degree the risk for MMA electrode sticking to base material.

Technical data

Minarc 150

Supply voltage 1ph	230V ± 15%
Mains cable	3 x 2,5 mm ² , length 3,3 m
Fuse	16A
Plug	Schuko
OCV	85V
Rated power	10A / 20,5V ... 140A /25,6V
MMA	35%/100%
TIG	35%/100%
Dimensions L x W x H mm	320 x 123 x 265
Weight kg	4

Minarc 151

Supply voltage 1ph	110V ± 15%
Mains cable	3 x 6 mm ² , length 2 m
Fuse	32A
OCV	85V
Rated power	10A / 20,5V ... 140A / 25,6V
MMA	35%/100%
TIG	35%/100%
Dimensions L x W x H mm	320 x 123 x 265
Weight kg	4,4

Minarc 150 VRD AU

Supply voltage 1ph	240V + 10%...-20%
Mains cable	3 x 2,5 mm ² , length 3,3 m
Fuse	15A
Plug	15A AU-Plug
OCV	30V
Rated power	10A / 20,5V ... 140A /25,6V
MMA	35%/100%
TIG	35%/100%
Dimensions L x W x H mm	320 x 123 x 265
Weight kg	4

Minarc 150 VRD EURO

Supply voltage 1ph	230V ± 15%
Mains cable	3 x 2,5 mm ² , length 3,3 m
Fuse	16A
Plug	Schuko
OCV	30V
Rated power	10A / 20,5V ... 140A /25,6V
MMA	35%/100%
TIG	35%/100%
Dimensions L x W x H mm	320 x 123 x 265
Weight kg	4

Minarc 150 with VRD has the same technical data as Minarc 150 but lower OCV (Open Circuit Voltage 30V) and 15A Plug. Minarc 150 with VRD comply with an Australian norm (WTIA Tech note 22 / AS1674) when the welding work is done in places classified as dangerous.



Minarc 150 includes

- Earth and welding cable 16 mm², 3 m
- 3,3 m connection cable with Schuko

Minarc 151 includes

- Earth and welding cable 16 mm², 3 m
- 2 m connection cable

Minarc 150 VRD (Australia) includes

- Earth and welding cable 16 mm², 3 m
- 3.3 m connection cable with 15 A AU-Plug (AU-Plug = Australian plug)

Minarc 150 VRD (Europe) includes

- Earth and welding cable 16 mm², 3 m
- 3.3 m connection cable with Schuko (Schuko = Continental Europe plug)

Order information

6102150	Minarc 150
6101151	Minarc 151
6102150AU	Minarc 150 with VRD
6102150VRD	Minarc 150 VRD, with Schuko

Accessory

6271432	TTM 15V TIG torch
---------	-------------------



The ICS™ (Isolated Cooling System) prevents the dust and the small metal particles from penetrating the machine's interior. The cooling air flows from the back of the machine forward – this minimizes the intake of particle content. Shielded knobs and durable casing makes machine excellent for site jobs.