# AMERARC I-200VP WELDING MACHINE



### DESCRIPTION

The AMERARC I-200VP is a single phase welding inverter with a max welding amperage of 200Amps. Weighing only 6.1kg, it is a portable welding machine. It contains a built in voltage reduction device, reducing open circuit voltage (OCV) to 12V DC and will automatically select the best welding arc dynamics. The AMERARC I-200VP machine is able to perform MMA with any type of electrode including the cellulosic electrodes and TIG-Lift. It is fully capable of welding electrodes up to 4.0mm in size. Its unique VP (Voltage Protection) functions effectively and prevents damge due to voltage fluctuation.

## **PRODUCT DESCRIPTION**

#### AMERARC I-200VP Welding Machine comes with

- 2.5m Power Cable 2.5mm<sup>2</sup>
- Electrode Holder with 4m cable 25mm<sup>2</sup>
- Return clamp with 3m cable 25mm<sup>2</sup>
- Shoulder carrying strap
- User Manual





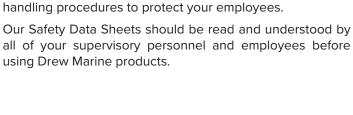
#### **FEATURES**

- Connection to any primary voltage 230V
- Voltage reduction device (VRD)
- · Shock proof fiber compound body
- Automatic \*Arc Force\* function
- Automatic \*Hot Start\* function
- Built in electrode anti-sticking function
- TIG lift welding mode
- Thermal overload protection
- Tunnel ventilation cooling design

#### BENEFITS

- Automatic compensation for main voltage fluctuation within +/- 10%
- Low open circuit voltage 12V
- · Robust design for machine durability
- Select the best dynamic characteristic for the welding arc preventing sticking onto work piece
- Improves ignition with particularly difficult electrodes
- Reduce the chance of electrodes sticking onto the work piece
- Ignition comes quickly and reduces incisions on the work piece
- Mitigates machine damage due to exceeding duty cycle or airflow blockage
- Isolates sensitive components against dust and dirt pick up, eliminates the risk of short circuit

Contact your Drew Marine representative for more information



**IMPORTANT INFORMATION** 

AMERARC I-200VP Welding Machine (PCN 0890179)

Drew Marine maintains Safety Data Sheets on all of its

products. Safety Data Sheets contain health and safety

information for your development of appropriate product



**PCN** 

## **TECHNICAL DATA**

| Single Phase Input 50/60<br>Hz | V +/- 10%       | 230                        |
|--------------------------------|-----------------|----------------------------|
| Input Power @ 12 Max           | kVA             | 10.6                       |
| Delayed Fuse                   | А               | 25                         |
| Power Factor/cos               |                 | 0.66/0.99                  |
| Efficiency Degree              |                 | 0.81                       |
| Open Circuit<br>Voltage        | V               | Uo=90 /<br>Ur=12           |
| Current Range                  | А               | 10-200                     |
| Duty Cycle                     | A 100%<br>A 60% | 110<br>145                 |
|                                | A x%            | 200 (30%)                  |
| Standards                      |                 | EN 60974-1*<br>EN 60974-10 |
| Protection Class               | IP              | 23 S                       |
|                                | mm width        | 135                        |
| Dimensions                     | mm length       | 355                        |
|                                | mm height       | 260                        |
| Weight                         | kg              | 6.1                        |

#### **ACCESSORIES**

| STICK Welding Accessories                          |         |
|--|---------|
| Autodarkening Faceshield                           | 0617011 |
| Faceshield with Headband                           | 0615015 |
| Faceshield with Handle                             | 9089013 |
| Welding Glove                                      | 0616013 |
| Welding Apron                                      | 0618019 |
| Wire Brush   | 0626012 |
| Wire Brush, Stainless Steel                        | 0812017 |
| Chipping Hammer                                    | 0627010 |
| TIG Welding Accessories                            |         |
| TIG Torch 200A with 7.6 cable and Dix 70 connector | 0515017 |
| TIG Accessories Kit                                | 0521014 |
| TIG Glove  | 0813015 |
| Argon regulator with flow meter                    | 9079014 |
| Tungsten electrode 1.6mm                           | 0524034 |
| Tungsten electrode 2.4mm                           | 0524042 |
| Shielding Gas                                      |         |
| Argon 10L  | 0726754 |
|  | 0700040 |





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