Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Arc Welding Machine

Product Code :

SLE/MCE/11



Science Lab
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Phone: +91-7082934803

Description :

Arc Welding Machine (Product Code: SLE/MCE/11) is an inverter-type manual metal arc (stick) welding power source used to join steel with coated electrodes in fabrication shops, maintenance departments and welding training bays at technical institutes. Fabricators and welding instructors choose it for its 40–400 A output range at a 60% duty cycle from a 415 VAC three-phase supply, with an inverter frequency of up to 20 kHz. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Technology	Inverter, frequency up to 20 kHz
Phase	3
Supply voltage	415 VAC ±15%
Supply frequency	50/60 Hz
Input power	18.2 kVA
Rated input current	27.6 A
Rated current	400 A
Output current range	40–400 A
Duty cycle	60%
No-load voltage	68 V
No-load loss	100 W
Efficiency	85%
Power factor	0.93
Weight	33 kg
Dimensions	21.5 x 11 x 21.5 inch
Electrodes	Suitable for down-direction welding with cellulose electrodes
Supply fluctuation	Auto-compensation function for mains fluctuation
Output cable	Keeps a stable welding condition even with a 100 metre output cable
Product code	SLE/MCE/11
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Arc Welding Machine Used For?

Stick welding strikes an arc between a flux-coated electrode and the workpiece; the arc melts both, epair of fra s a comm arc