



HIGH OUTPUT MULTIPROCESS WELDER

If your application requires pure welding power combined with multi-process power, then the DC-1000, with 1300A of smooth DC output, is your best investment.

Designed for semiautomatic and automatic welding, the precise control of the DC-1000 provides superior MIG, flux-cored, submerged arc welding and excellent air carbon arc gouging. It produces outstanding arc characteristics on both constant voltage and constant current processes. This provides great welding versatility in a single power source.

The DC-1000 is designed for submerged arc welding, and FCAW processes within the capacity of the machine, plus the capability of air carbon arc gouging up to 16mm



diameter carbon sticks. It produces outstanding welding performance with a single range full output control potentiometer.

The precise output of the DC-1000 enhances productivity and quality control when used with Lincoln LN-10 and DH-10 semiautomatic wire feeders, NA-3, NA-5, and NA-5R automatic wire feeders, and the LT-7 tractor.

ADVANTAGES

- ✓ Solid state circuitry provides extra long life for repetitive welding applications.
- ✓ Full range output voltage control for easy operation and precise output control.
- ✓ Mode switch used to select the desired output characteristics for the process being used.
- ✓ Line voltage compensation for maintaining weld consistency, even with line voltage changes of $\pm 10\%$.
- ✓ Low profile case allows installation of the DC-1000 under a workbench and stacking up to 2 machines to conserve floor space.
- ✓ Removable side panels for easy access to internal parts.
- ✓ Fan cooled with electronic and thermostatic protection for current overload and excessive temperatures.
- ✓ Windings and rectifiers protected against moisture and corrosive environments.
- ✓ Recessed front panel protects operating controls.
- ✓ 500 amp output studs provide enhanced arc characteristics for submerged arc and MIG welding procedures.
- ✓ Designed to meet EN60974-1 and CE standards for safety and reliability
- ✓ Built the Lincoln way 'RUGGED & RELIABLE
- ✓ 3 year warranty on parts and labor.

LINCOLN®
ELECTRIC



DC1000 with
NA3 subarc set



TECHNICAL SPECIFICATIONS

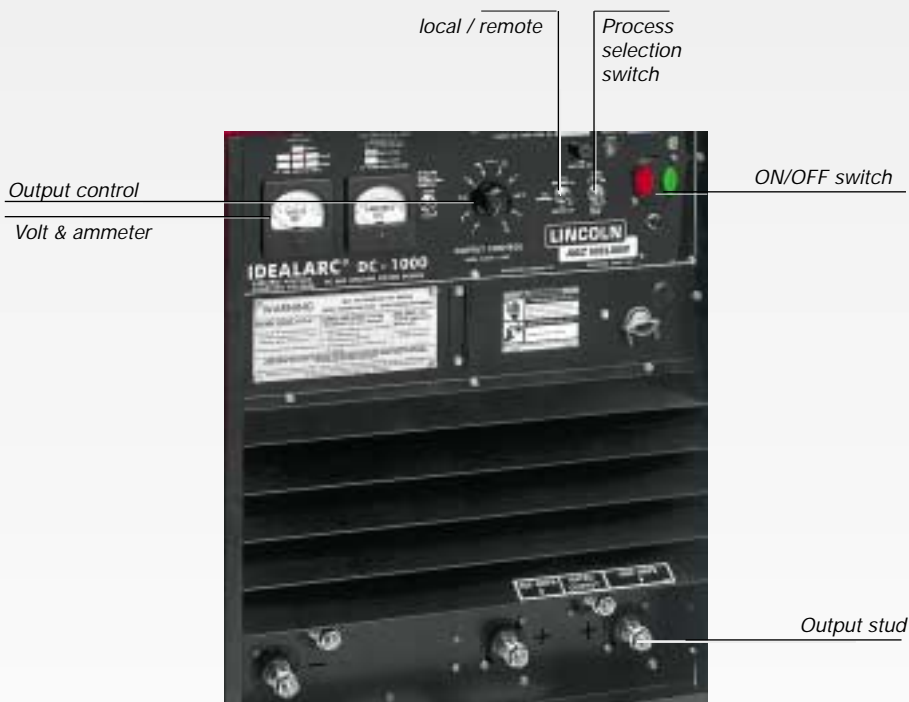
Product Name	Item Number	Standard Voltage	Input Power	Weight	Dimensions H x W x L	Protection Class	Compliance
DC1000	K1387-9	230/380/440 3ph	193/112/97	372KG	700x572x991	IP23	EN 60974-1 / IEC974-1

WELDING OUTPUT

Current Range	Rated Output	O.C.V.
150 - 1300A 16 - 46 V	1250A / 44V / 50% 1140A / 44V / 60% 1000A / 44V / 100%	75Vdc

ACCESSORIES

Item Number	Description
K10178-2	Paralleling kit
K10095-1-15M	Remote output control - 15m
K10398	15m-extension cable (remote ctrl box)
K10081-1	4-wheel in-plant undercarriage
K10019	3-wheel in-plant undercarriage
K10215	Power adaptor box 115/42V
K10103	Air arc torch, model K3000 (600A max.)
K10105	Air arc torch, model K4000 (1200A max.)



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