

MP700i & MP1000i multi-process power sources

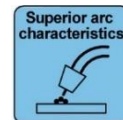
Rugged reliable 700A & 1000A CC/CV power sources for the heaviest industrial applications. SUB ARC, Arc air gouging, metal spraying, MIG/MAG welding etc. SMAW/CAC/GMAW/FCAW/MCAW/SAW/GTAW

Key features

- ✓ 700A or 1000A high duty cycle output.
- ✓ Infinitely variable weld power from 30A/15V.
- ✓ Superb arc characteristics on Gouging, SUB ARC, MMA, MIG/MAG & DC TIG
- ✓ Digital displays show set values & real welding values.
- ✓ Remote con for SUB ARC, MIG feeder or TIG HF box.
- ✓ High OCV – 90V to run Celulosics & gouging (CAC).
- ✓ Unique DAP control – 100% control over welding characteristics from CV through to CC.
- ✓ Option for calibration to IEC60974-14.
- ✓ Super smooth low spatter MIG welding.
- ✓ Variable inductance on CV – MIG & SUB ARC.
- ✓ Auto compensation for voltage fluctuations & cables up to 100M.
- ✓ Generator friendly with built in protection from over & under voltage, over temp, over current.
- ✓ Operation in harsh climates without effecting performance or reliability.
- ✓ High efficiency design, 20W standby + fan on demand.
- ✓ Rugged case design with galvanised steel chassis.
- ✓ Cooling chamber keeps airflow away from electronics.
- ✓ Built using rugged reliable technology with minimum components for a long life & best servcability.



- Ready to weld & gouge, just plug in welding cables & torch.
- Add one of our MIG wire feeder models powered or inline arc voltage type.
- Add our TIG box for full HF TIG with slope & gas control.
- Add our SUB ARC controller + wire feed head + tractor.
- Add remote control unit to adjust welding output at distance.
- Run 2 units in parallel, for up to 2000A output.



Basic specifications – 400V 50/60HZ models (370-450V)

Model	Output range	Duty cycle @ 40°C	OCV – V no load	Rec fuse *	Power factor	Efficiency	Weight
MP700i	30A@15V – 700A@44V	700A@75% 600A@100%	90V	45/50A (32A*)	0.95	0.86	42KG
MP1000i	30@15V- 1000A@44A	1000A@75% 850A@100%	90V	63A/75A (32A*)	0.95	0.86	53KG

Size approx., 320mm W x 650mm L x 550mm H, *32A fuse size may be used up to 600A max.

Ambient temp range, -20C+45C. Compliance with BS IEC60974-1, WEE/HD0071UZ, EU2019/1784, CE & UKCA marked

Popular options & accessories.

480V, 550V or other input	Built in TIG HF & functions	MIG wire feeders
Wheels & castors fitted	TIG HF boxes	Lifting eyes or top carry handles.
SUB ARC wire feeder & controller	SUB ARC tractor	Remote control units
Parallel remote kit	Arc air gouge torches	MMA & TIG torches

Our long term warranty & back up – 2 year warranty + 5 years on main transformer & all coils.
100% spares availability & service support for a minimum of 20 years from purchase.
'Invest in the best' quality made British welding equipment