Cost effective weld monitoring

MonArc2



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The MonArc2 from TVC is one of the world's most cost-effective welding monitors.

Supplied in a rugged plastic case, this "goanywhere" unit weighs less than 4Kg and set-up takes minutes, minimising onsite downtime. The field proven sensor probes and IP rated controls mean the MonArc2 can be used in harsh conditions with minimum of daily maintenance.

With probes for monitoring welding current up to 2000 Amps and voltage up to 100 Volts, the unit handles all major arc welding processes including GTAW, GMAW, SMAW and SAW.

Its 5.7-inch TFT screen provides a clear view of all monitored welding parameters and the sealed battery allows up to eight hours of monitoring time between charge cycles.

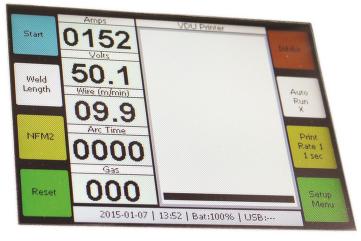




Welding data is stored on a dedicated 4GB memory stick for exporting to Excel spread sheet reports on any PC loaded with TVC Arclog software.

The MonArc2 has options for the measurement of wire feed speed and total wire payoff. In addition, user programmable values for gas flow enable the unit to calculate total gas consumption.

Providing the MonArc2 with full onsite traceability, the optional printer provides a hard copy record of the full weld parameters at the point of welding.

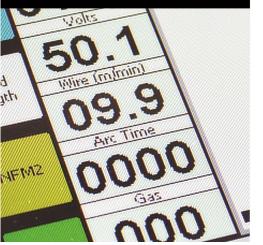






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General Unit

Applications MMA/MIG/TIG

(AC/DC)/SMAW/FCAW/SAW

Size 230 x 130 x 270 mm -

Screen 5.7-inch Full-Colour TFT

Memory 4GB Removable Flash Drive

Battery Type Sealed Lead-Acid (Rechargeable)

Techniques Manual/Semi-Auto/Fully-Auto/Robotic

Weight 3.6Kg (inc. Probes & Charger)

Battery Charger External 90 - 260V AC

(3 - 4 Hour Recharge)

Printer/Rate External Dot-Matrix/2 x 1 - 60secs

User Selectable Print Rates

Monitored Parameters

Average Current 15 - 1999A +/-2% fsd

Average Voltage 0 - 99.9V +/-1% of fsd

Average Wire Speed 0 - 30.0m/min +/- 2.5% fsd

Arc Time 0.3 - 9999secs +/- 0.1% fsd

Calculated Parameters

Arc Energy 1 - 9999kJ +/-2% fsd

Heat Input 1 - 9999J/mm +/-2.5% of fsd

Wire Consumed 0 - 9999m/min +/- 2.5% fsd

Gas Consumed 0 - 9999Lt

User Entered Details

Gas Flow 1 - 99.9Lt/min

Weld Length 0 - 9999mm

The Validation Centre (TVC) Limited reserves the right to alter or change product specification without prior notice.



The Validation Centre (TVC) Limited

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