

Technical Data

M2000 Torque Turn Computer Unit – Tong Mounted



Standard Features Include:

- Toughened enclosure weather-proofed for harsh environments and touch screen capable of resisting mechanical impacts up to 20 Newtons directly on the screen without damage,.
- TFT High definition Liquid Crystal Display (LCD) that allows viewing in direct sunlight.
- Touch screen menu with large on-screen push buttons for easy operation and user interaction in all configuration modes allows clear viewing of graph profile and clear determination of shoulder points etc.
- Menu based system with 7 different options available to the operator. These are namely Make-up Joint, Breakout Joint, Review Joint, Statistics, Test Hardware, Print Report and Advanced setup.
- 30 Preset Torque settings in memory to input the most common connection types within the region of operation. New parameters are easily stored. Equipped with hard disk and flash card.
- Electronic load cell and turns encoder and solenoid activated dump valve for precise torque control.
- Min. sampling rate 0.059 Hz, Max. sampling rate 100 KHz.
- Transformer and air filter prevent power surges or rig air contaminants harming the computer.

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Certification:	Ex p IIB T4 IP56, and Aus Ex 2520X (higher than Class 1, Division 1, Gas Group D hazardous areas)
Model:	M2000 – Ex
Minimum Purge Pressure:	5 KPa
Minimum Purge Time:	7.5 minutes
Minimum Flow Rate:	15 l/min
Enclosed Internal Volume:	Calculated as 10.5 lt.
Min Volume of Purge Gas Required:	112 lt.
Operating Voltage:	240 Volt AC – 50 Hz c/w 110/240 V transformer to connect to rig power supply

Weight & Dimensions

Type	Weight (approx.)	Length	Width	Height
M2000	32 Kg	280 mm	300 mm	270 mm