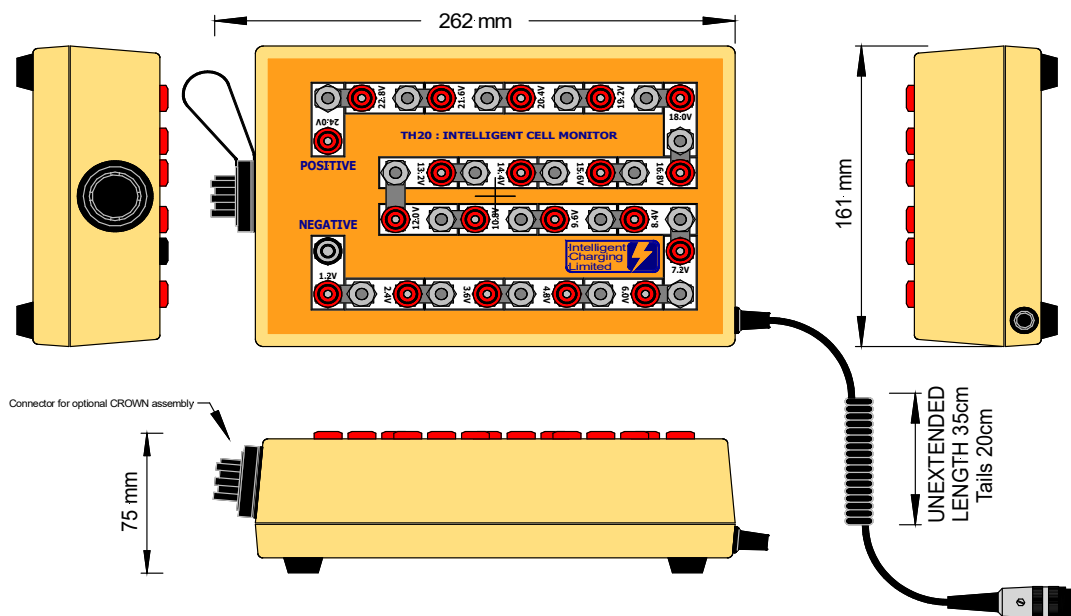




TH20 - Cell Monitor Interface Technical Specifications



ADDS A NEW CHARGE MODE:

Constant current charge.
Monitors all cell voltages and switches to top up charge when cell target voltage is reached on all cells.
Maximum time can be set to switch to top up charge.
Can monitor for cell voltage drop during charge indicating a problem cell.

CHARGER DISPLAY & PRINT CAPABILITY

Text display all 20 cell voltages.
Graphical bar graph display of cell voltages.
Cell voltages printed at time intervals or on demand.
Final cell voltages report printed at termination.

GENERAL:

Cell numbering in positive or negative order.
Supplied with 21 crocodile lead connections.
Integral connector for bed of nails crown connection.
1 year RTB warranty.

ACCURACY:

Reading resolution 2mV.
Display & printing resolution 1mV.
Accuracy of voltage +/-4.0mV

ADDS NEW CAPACITY TESTING MODES:

Capacity Test until first cell falls below pre-set target or pre-set test time.
Capacity test for full test time, capturing cells that fall below set target voltage. Failed cells are tagged and noted on printout.
Full cell balancing mode where battery can be fully discharged and then automatically place 1Ω resistors on each cell to balance cells.

WEIGHT & DIMENSIONS:

1.9Kg (4.2Lbs)
26cm x 16cm x 8cm (10.2" x 6.3" x 3.2")

ELECTRICAL:

Supply derived from battery charger.
Measurement range: -2.5V to +2.5V
Maximum number of cells 20.
Can be supplied to monitor 22 cells on request.
Scan rate 2.5 Seconds.
Balance switching current 2.0A
Balance continuous current 1.0A
Balance resistance 1.0Ω ± 1% 2W

COMPATIBLE WITH:

MB73+ - MB73P+ - CT75A - IC48V - IC50A

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To discuss your battery charging and testing requirements and to discover how a standard or bespoke Intelligent Charging solution would help your operations, contact:

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