

DIGATRON TRP 024-011



QUESTIONS?

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OPPOSITE TAB POUCH CELL CARTRIDGE

This cartridge is designed to connect up to 24 pouch cells, with tabs located on the opposite sides of the cell, to perform formation or test.

Cell contact is provided by our proprietary conductive flexible plate mechanism to guarantee the correct current flow during the formation process.

The contacting system is composed of spring-loaded plates for voltage control and an additional device to detect the temperature of the current collector.

The operator manually loads the cells into the cartridge, then loads the cartridge into the formation chamber and starts the automatic cycle.

During formation, the cells are kept in position by support plates that can optionally compress the surfaces of the cells (compression cartridge).

The cartridge has side connectors to facilitate the connection to the formation unit.



TECHNICAL DATA



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GENERAL DATA

Q.ty of cells per cartridge	up to 24
Cell type	pouch cell with tabs located on the narrow opposite side
Cell dimensions (Tabs excluded)	(mm) min 150x50x5 max 320x200x25
Working temperature	10°C + 50°C

DIMENSIONAL DATA

Dimensions (WxDxH)	950 x 500 x 350 mm
Weight	155 Kg

CELL CONTACTING DATA

Temperature sensor	-10°C + 120°C
Materials and Plating flexible pin	Gold-plated brass
Temperature sensor type	Type K

