

DIGATRON TRP 024-010

AXIAL TAB POUCH CELL CARTRIDGE

This cartridge is designed to connect up to 24 pouch cells, with both tabs located on the same side 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.



QUESTIONS?

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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 same side |
| Cell dimensions (Tabs excluded) | (mm) min 70x50x5 - Max 360x200x20 |
| Working temperature | 10°C + 50°C |

DIMENSIONAL DATA

| | |
|--------------------|--------------------|
| Dimensions (WxDxH) | 950 x 500 x 400 mm |
| Weight | 128 Kg |

CELL CONTACTING DATA

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

