

# Short Circuit Testing Machine



LIST OF CREDITS

<b>Approximate weight</b>	
950 Kg	
<b>Dimensions</b>	
Wide of machine.	1895 mm
High of machine.	1200 mm
Length of machine.	2400 mm
Wide of electrical panel	
High of electrical panel	
Length of electrical panel	
<b>Power supply</b>	
400 Vca / 50 Hz + Neuter + Earth	
<b>Documentation</b>	
Project, manual and declaration of conformity.	
<b>Tack of machine</b>	
6 ó 7bat / min.	

# Short Circuit Testing Machine

- Machine designed to test short circuit among battery plates on assembly line using high voltage of approximately 1400 V.
- Machine with 3 workstations. One for preliminary work, one for verification and the other for rejection.
- Manufactured in ordinary steel, aluminium and technical plastics like PVC, Polyethylene, etc.
- FESTO and SMC pneumatic cylinders.
- Conveyor belt with rollers and sprocket drive, regulated by a speed driver.
- Verification workstation with a single verification head composed of 2 high-voltage SCHMITDKLE generators to check for short circuits, and sets of 4 templates for adaptation to different sizes of battery.
- RITTAL electrical panels located at the back of the machine.
- Program control using SIEMENS S7-series 300 PLC .
- 5" Monochrome touch screen for displaying, controlling and programming the machine.
- Pushbutton control boxes at front of machine.

