Email : sales@scilabexport.com
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Product Name :

Apparatus for Galvanization and Medicinal Electrophoresis

Product Code :

SCL304/052

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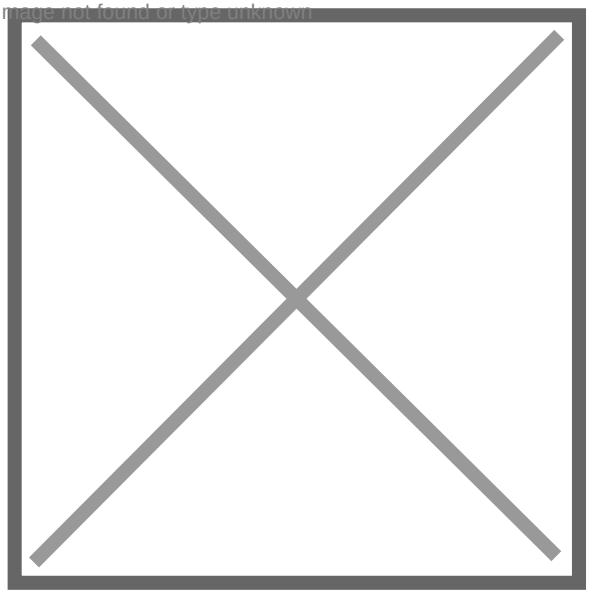

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Description :

Apparatus for Galvanization and Medicinal Electrophoresis (Product Code: SCL304/052) is a direct-current physiotherapy unit used to apply a constant electric current to the body for galvanization and for iontophoresis in clinic and hospital conditions. It delivers up to 50 mA in the patient circuit, regulated in 0–5 mA and 0–50 mA ranges, and comes in a plastic case with two electrodes. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Purpose	Constant-current (galvanic) treatment for therapeutic and prophylactic purposes, and iontophoresis
Setting	Clinic and hospital
Maximum current in patient circuit	50 mA
Current regulation ranges	0–5 mA and 0–50 mA
Current ripple in patient circuit	0.25 mA at any current value, at a load of (500 ± 50) ?
Construction	Plastic case with switch and current-regulation handles
Electrodes	Two, bundled
Optional	Various kinds of soft pads for physiotherapy can be added
Operator	Staff who have received preliminary instruction
Power supply	220 V / 50 Hz
Product code	SCL304/052
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is a Galvanization and Electrophoresis Apparatus Used For?

Galvanization passes a steady direct current between two electrodes placed on the skin over moistened pads. In medicinal electrophoresis, also called iontophoresis, the same current is used to move ions of a medicinal solution through the skin from the pad under the electrode of matching polarity. The two regulation ranges let the operator work finely at low currents on the 0–5 mA scale or use the 0–50 mA scale when more current is prescribed.

A low current ripple of 0.25 mA into a (500 ± 50) ? load keeps the output steady during a session. The listing states that the apparatus should be operated by staff who have received preliminary instruction, and the unit can be fitted with different soft pads to suit the treatment area. Raise and lower the current slowly with the regulation handle and check the skin under each electrode after treatment.

Wha