



Email : [sales@scilabexport.com](mailto:sales@scilabexport.com)

Phone: +91-7082934803

**Product Name :**

Rapid Chloride Permeability Tester

**Product Code :**

SLE/CE/40



**Website:** <https://www.scilabexport.com>, **Email:** [sales@scilabexport.com](mailto:sales@scilabexport.com)

1226/1-5, Bengali Mohalla, Science Market | 133001, Harvana



Email : [sales@scilabexport.com](mailto:sales@scilabexport.com)

Phone: +91-7082934803

## Description :

### Specifications:

- The pore structure in turn depends on other factors such as the mix design, degree of hydration, curing conditions, use of supplementary cementitious materials, and construction practices.
- The rapid chloride-ion permeability test (rcpt) is designed to assess the resistance of concrete to the penetration of chloride ions, an indicator of its permeability.
- Therefore, wherever there is a potential risk of chloride induced corrosion, the concrete should be evaluated for chloride permeability.
- Complete with tools kit.

### Complete rapid chloride ion permeability tester includes the following items:

- RCPT test apparatus with 4 port (230~250 V AC power supply).
- Moisture trap.
- Temperature probe.
- 300mm vacuum desiccator.
- Vacuum pump with gauge.
- Plexiglass chambers – 4 pairs.

### Rating of chloride permeability of concrete according to the rcpt test apparatus is as below:

- **Rating:** Typical concrete type permeability coulombs.
- **Negligible:** < 100 polymer-impregnated concrete, polymer concrete.
- **High:** >4000 high w-c ratio (> 0.6) conventional PC concrete.
- **Low:** 1000 to 2000 low W-C ratio (< 0.40) conventional PC concrete.
- **Very low:** 100 to 1000 latex-modified concrete, internally sealed concrete.
- **Moderate:** 2000 to 4000 moderate W-C ratio (0.40 to 0.50) conventional PC concrete.

Contact Science Lab for your Educational School Science Lab Equipments. We are best anatomy model manufacturer, biology lab equipment manufacturer, biology lab instruments exporter, biology lab instruments manufacturer, biology lab instruments supplier, burette pinchclip medium wall india.