

ABRASION RESISTANCE OF CONCRETE

Specifications:

- PER BIS 9284 (LATEST EDITION).
- Provision to impinge air-driven silica-sand on 100 mm concrete cubes
- High carbon steel nozzle with diameter 1.7 ± 0.006 cm
- Internal diameter of nozzle should be 0.8 ± 0.003 cm
- The length of the nozzle along with the tip shall be 15 cm and shall be fitted on the cabinet such that the distance between the tip of the nozzle and the surface of the concrete sample shall be $5 \pm .02$ cm.
- Provision to generate Air pressure of 0.14 N/mm²
- Abrasion charge 10 kg

Two stage Compressor of capacity 7 kg/cm² to generate required air pressure