



THE LAB EQUIPMENT

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**Product Name :**

Cementometer Moisture Meter

**Product Code :**

SLE/CE/44



## Description :

### Specifications:

- The Cementometer Microwave moisture meter uses a two prong sensor to measure the complex dielectric constant of the material in contact with the prongs.
- This output is then converted by the integrated microprocessor and moisture content is displayed directly.
- As the dielectric constant of water is four to eight times greater than most aggregates and cements, changes in water content directly effect the sensor output.
- Two units are available to encompass the full range of water cement ratio's found in wet concrete.
- The Cementometer Type R handles normal water cement ratio's with its two prong probe.
- An average of five to ten readings is normally taken in order to ensure a valid reading.
- The range of this instrument is approximately 0.35 to 0.65 water/cement.
- The units come calibrated for standard type I, II, and III cements.
- It can also be programmed with up to ten different mix design by the user.
- Cementometer Type handles low water/cement ratio's with its five prong probe.
- The range of this instrument is approximately 0.25 to 0.5 water cements.
- For highest accuracy, the user should program the unit for the material being used.
- The Cementometer Type has simple to use calibration process that rapidly creates the user programs without the need for external computing devices.
- Finally, the Cementometer can store over 150 readings.
- Storage is complete with the time and date for future reference. Data can be recalled via USB interface to a personal computer running the Cementometer software.

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