

Concrete Strength

THE WINDSOR HP PROBE SYSTEM



Measures the compressive strength of concrete accurately and effectively, on site in the field.

The Windsor HP Probe system rapidly and accurately determines the concrete compressive strength of a structure by driving a probe into the concrete with a known amount of force. Improved and enhanced over thirty years, this modern system is capable of measuring concrete with a maximum compressive strength of 17,000 PSI (110MPA). It has been ruggedized for use in the construction environment, yet refined to provide the user with a simpler system to operate. An electronic measuring unit has been added to help ensure proper test results which can be recorded for later review or uploading to a personal computer.

Two probe styles are available: one for lightweight, low density concrete with air-filled aggregate and the other probe for more standard mix designs. Also, two standard power settings facilitate testing fresh concrete as well as mature mixes.

Approved by municipalities in the United States, Asia, and Europe, this system conforms to ASTM C-803, BS 1881 and other testing standards.

- Z-WP-1000:** Complete system with electronic depth gauge
- Z-WP-534:** Complete system with manual depth gauge
- Z-WP-500:** Driver unit
- Z-WP-700:** Electronic measuring kit
- U-PRS-01:** Box of 75 silver probes and 75 power loads
- U-PRS-03:** Box of 75 gold probes and 75 power loads



THE WINDSOR PIN SYSTEM

Measures the compressive strength of concrete, mortar and brick in-situ, quickly, accurately.

A non-explosive instrument, the Windsor Pin System uses a spring loaded device to drive a steel pin into the concrete or mortar. The depth of penetration of the needle correlates to the compressive strength of the material under test. A removable chuck and a small pin size facilitate the testing of mortar joints; this is the only system for testing the in-place strength of brick mortar joints. Conforms to ASTM C-803.

- W-P-2000:** Complete system
- W-P-1040:** Box of 40 pins with gauge for Windsor Pin System

