**Swiss Hammer (Rebound Hammer)** – This is a device used to measure the elastic properties or strength of concrete, mainly surface hardness and penetration resistance.

[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwjy1sug0_zeAhWhTt8KHeawDIEQjRx6BAgBEAU&url=http://www.mhtesting.co.uk/schmidt.html&psig=AOvVaw09z8vbhEhxv6i3dWoE5A2j&ust=1543685593032950)

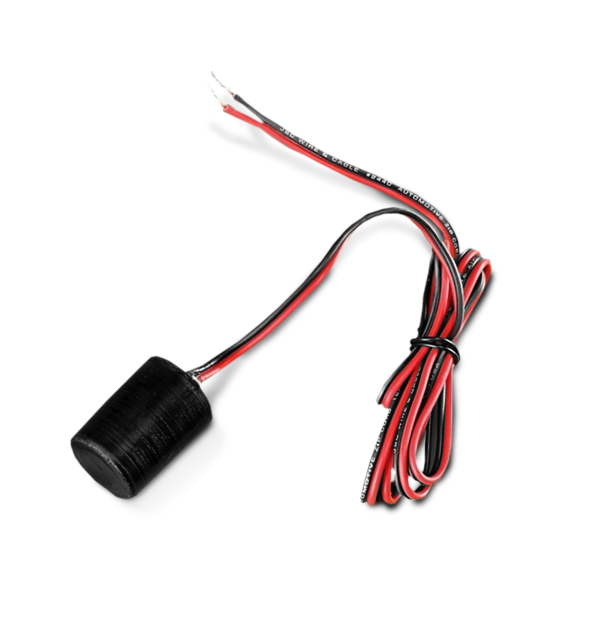
**Concrete Vibrator (Motor, hose, head)** – This is used to consolidate freshly poured concrete so that trapped air and excess water are released.

[](https://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwivvafI1fzeAhUGUt8KHYB7D58QjRx6BAgBEAU&url=https://www.globalgilson.com/concrete-vibrator&psig=AOvVaw0R_lwXWJbnUzBLBONeynXH&ust=1543686245230142)

**Maturity Meter** – A device that shows the relationship between concrete temperature, time and strength gain and represented by an index that can be measured in the field.

[](https://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwjGhMHo1_zeAhVGh-AKHTaCCKoQjRx6BAgBEAU&url=https://www.hogentogler.com/materials-testing/concrete-maturity-meter.asp&psig=AOvVaw2_g5vUy2ud4cuTCNbqqYKJ&ust=1543686790321712)

**Maturity Probes** – Devices that connect to a Maturity Meter to determine the relationship between concrete temperature, time, and strength gain. Usually placed in the concrete pour.

[](https://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwjrlb292fzeAhWGmeAKHRnQAZcQjRx6BAgBEAU&url=https://www.flir.com/products/intellirock-temperature-logger/&psig=AOvVaw24FcmFpg30zmGfJbhUIJW1&ust=1543687260697685)

**Winsor Probe** – This device measures the compressive strength of concrete in the field.

[](https://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwivwcTXs47fAhXllOAKHbkuBK4QjRx6BAgBEAU&url=https://www.globalgilson.com/windsor-probe-test-systems&psig=AOvVaw2cHuZyw4GvbqJ-odGEW-Za&ust=1544295597110469)

**Type B Pressure Meter (Air Pot)** – This device measures the amount of air in the concrete.

[](https://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&ved=2ahUKEwj3rr33so7fAhURh-AKHRk6BhAQjRx6BAgBEAU&url=https://geneq.com/materials-testing/en/product/forney/air-meter-6596&psig=AOvVaw1Mvexp8ubspZZNfiDUmjVL&ust=1544295427433050)

**Volumetric meter (Roll-A-Meter)** – This device determines the air content in fresh concrete.

[](https://www.google.com/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwin07uatI7fAhVHT98KHUIBBZ8QjRx6BAgBEAU&url=https://www.globalgilson.com/lightweight-roll-a-meter&psig=AOvVaw0t_VDpLZ0_TtCdANv30J3h&ust=1544295757501039)