

Continuous Slump Control right to the Pour. Guaranteed!



SEMI-MATIC HYDRA-SLUMP

An extra load per truck per day

The Hydra-Slump is the only device in the world which controls slump in a ready mix truck from the plant to the job site. By arriving on the job with the correct slump, you not only save precious time, but fuel and mixer wear as well. With his entire fleet of 113 trucks equipped with the Hydra-Slump, one ready mix producer reports an average savings of \$2,062.00 per truck in time alone during the first year.

Slump rejected loads will be a thing of the past because of continuous slump readout and slump control capability.

Best of all, a Semi-Matic Hydra-Slump costs less than a 10-yard load of concrete!!



**Concrete
Controls
Corporation**

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HYDRA-SLUMP SYSTEMS

THE DIAL-A-MATIC HYDRA-SLUMP automatically controls slump by adding water while traveling to the jobsite. Slump is selected by setting the stationary red hand to the desired slump reading. After the black hand has stabilized (meaning primary water is mixed throughout), the control phase is initiated by turning the timer to any number of minutes adequate to add the adjusting water at 10 GPM. Water addition terminates when desired slump has been achieved. This unit also has Semi-Matic capability (see next). Includes: control unit, solenoid valve, flow control valve, needle valve, 2 hose fittings, in-line fuse holder and fuse, cable, driver letter and installation instructions.

THE SEMI-MATIC HYDRA-SLUMP indicates the slump and gives the driver a means of adding a fixed quantity of water with automatic shut-off. A solenoid valve, flow control valve (10 GPM) and timer, combined with the slump indication, provide this method of using travel time to arrive on the job at the correct slump. Includes: control unit, solenoid valve, flow control valve, needle valve, 2 hose fittings, in-line fuse holder and fuse, cable, driver letter and installation instructions.

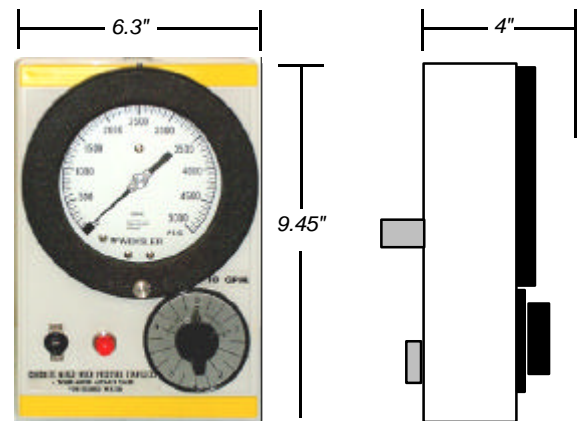
THE INDICATING HYDRA-SLUMP (IHS), furnished with a heavy duty bourbon tube, indicates the slump and is preferred by those ready mix producers whose company policy precludes driver involvement in add-water decisions. Includes: gauge, needle valve, 2 hose fittings, driver letter and installation instructions.

SEMI-MATIC MODEL

Features:

- Foolproof timer switch which eliminates inadvertent water addition.
- High reliability, no maintenance, hard wired solenoid circuit.
- Flow control valve insures constant water flow rate.
- Flow indicator lamp.
- Thorough mixing of adjustment water on the way to the job saves time, fuel, mixer wear and heat rise.
- Eliminates rejected loads at the job site.

Specifications: Gauge: 6000 PSI steel alloy bourbon tube in aluminum case. 5 minute mechanical timer switch * 3/4" NPT 12 VDC 11.2 watt solenoid valve * Power cable: mechanically keyed 3-wire 16AWG, petroleum resistant rubber cord 6' long * 3 amp. in-line fuse * Hydraulic fittings: 1/4" NPT * Enclosure: ABS Plastic NEMA 4 gasketed. Finish: Light Grey RAL 7035 Shipping weight: 10 LBS.



BATCHER DELIVERS LOAD TO TRUCK (Short 5-10% Water)
HYDRA-SLUMP READS SLUMP THROUGH HYDRAULIC SYSTEM
DRIVER SETS TIMER FOR REQUIRED WATER
HYDRA-SLUMP ADDS WATER TILL SLUMP IS CORRECT
DRIVER SLOWS DRUM TO PREVENT HEAT BUILD UP AND AIR LOSS
ARRIVES ON JOB READY FOR DISCHARGE