

Concrete Industry Products

Water Measurement, Batch Control and Dispensing Systems



CONTACT YOUR BADGER METER DEALER:



(800) 792-7427

(352) 628-6674

(352) 628-6774—FAX

Info@GulfAtlanticEquipment.com

www.GulfAtlanticEquipment.com

(800)
792-7427

Badger® Concrete Industry Products

Water Metering and Batching Systems Control

Turbo Meter Systems

The Badger Turbo Meter is available in sizes 2" - 6" and is ideally suited for water metering and batching in ready-mix applications. The Turbo Meter can be combined with the PFT-4E Transmitter and an electronic solenoid-controlled butterfly valve. With the PFT-4E, calibration of the Turbo Meter is fast and easy, using Badger's innovative rotary switches. This combination can be retrofitted to many existing systems or connected to Badger's CB-20 Programmable Batch Controller.



Magnetoflow® Model 7500P Meter



Magnetoflow® 7500P Electromagnetic Meter Systems

The Model 7500P Electromagnetic Meter was specifically designed to meet the demands of the most rigorous concrete applications. The open meter design eliminates "water hammer" damage and pressure loss. Since there are no moving parts, this meter is even suited for wash-out applications. The amplifier easily connects to the CB-20 Programmable Batch Controller, or your existing plant control system. The Magnetoflow 7500P is California type approved for water batching and reclaim water metering.

Batching System Components

Recordall® Disc Meter with PFT-1E Transmitter



The well-known Recordall disc meter design is ideally suited for batching systems and for use in admixture dispensers. The L.C.P. material of the internal components enables you to use the Model 25 Recordall in applications with high temperatures, high pH

chemicals and potential abrasives. The PFT-1E Transmitter provides very high resolution for exact batching. If combined with Badger's Dispenser Controllers, the unit is suited for any low flow batching and dispensing application.

CB-20/Programmable Batch Controller



Our CB-20 Batch Controller is a time and field proven product made to be both user operable and programmable-friendly, just for the concrete industry. Provides adjustment for valve overrun for better control of your particular batching dynamics. A built-in "fail-

safe" diagnostic, coupled with other special features assures successful plant operation batch after batch in your plant. Shown here with optional NEMA 4X enclosure.

MEASURE RITE® Slump and Washrack Meter



Badger's MEASURE RITE MR1-B slump and washout rack meter is a battery operated MEASURE RITE truck meter. It is the same meter designed for concrete truck applications and has all of the same advantages of durability and usability. The easy installation

enables you to mount the MR1-B without the need for an external power supply.

MEASURE RITE® Aggregate Moisture Meter



The MEASURE RITE Aggregate Moisture Meter is used in concrete production to automatically confirm moisture content of fine aggregates. With a .5% accuracy, MEASURE RITE permits compliance with individual state, National Ready Mixed Concrete

Association (NRMCA), or National Precast Concrete Association (NPCA) specifications. The Badger Moisture Meter improves plant productivity by eliminating oven dry tests or speedy moisture tests.

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Chemical Admix Dispensing and Control Systems

Dispensing Systems

Direct Feed Dispensers



Badger's outstanding line of chemical admixture dispenser products have been engineered using time-proven design techniques. You can rely on Badger® quality to deliver consistent, accurate and dependable systems performance under the most rigorous conditions. You can also count on Badger® for the technical support, training, and service you need to keep the production in your plant operating at optimum levels, day in and day out.

Badger Meter's Direct Feed Dispenser Systems are designed for use in concrete batch plants or wherever the need is to dispense admixtures directly into the concrete with accurate, reliable and easy operation. Can be built to operate with electric or air supply. Can be interfaced with batch plant panels, or used with semi-automatic controllers. These units are designed to give years of trouble-free performance.

Multi-Product Dispenser



▲ Standard products are available with manual, semi-automatic, or computer interface with 1, 2, 3 or 4-product dispensers. Or specify the number of dispensers to suit your needs.

Dispenser Controllers

Model AC-151



Badger's AC-151 admix control unit is designed for a single unit dispensing system or a direct feed type. Operation includes automatic and manual operation with special features such as indication for zero, fill, complete, discharge, and overfill. This unit also includes remote operation, timed discharge and discharge delay. NEMA 4X rated.

Model AC-154



Accurately control up to 4 admixes using automatic or manual operation in a choice of three batch pre-set modes: total ounces, ounces per CWT, or ounces per yard. Specify either U.S. or metric standards. Capabilities include sequence discharging and line empty notification.

DP-10 Interface Module



The Model DP-10 Probe Amplifier has been designed to interface admixture systems into automated batching panels. Provides you with L.E.D. Indicators when probes are covered. Can be used with single or dual probes. Probe sensitivity adjustment. NEMA 4X rated.

Precision metering, dispensing, and batch control systems for the concrete processing industry.

Gulf Atlantic

INDUSTRIAL EQUIPMENT INCORPORATED
Concrete, Aggregate, and Material Handling Equipment

Concrete Solutions with Rock Solid Results

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The Badger[®] Advantage

Badger Concrete Industry Products

Ready-Mix

Batch

Precast

Prestress

Admixtures

For more than 100 years,

Badger Meter has been a trusted leader in flow measurement. Today Badger supplies reliable meters, controls and dispensing systems for the concrete industry and thousands of other processing industries worldwide. Badger concrete products are engineered and built to deliver precision accuracy over a long service life. Match your choice of metering systems with the advanced technology of Badger's reliable PFT-4E transmitter and the reliability of our electronic solenoid-controlled butterfly valve. These rugged systems are built to withstand the day-to-day demands of the most rigorous concrete applications.

You are never far from Badger's knowledgeable customer support team. They are ready to answer your questions and to find the solutions you need without delay. Simply call the Badger representative nearest you — or check out our web site to send us an e-mail. Badger maintains a large product inventory, ready for immediate shipment, so your plant can maximize its valuable production time.



Hydro Lab in Badger Meter's
James O. Wright Innovation Center

The James O. Wright Innovation Center is a world class engineering facility dedicated to the development of new technology and products for flow measurement.

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Serving You Worldwide

Gulf Atlantic
INDUSTRIAL EQUIPMENT INC.

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Info@GulfAtlanticEquipment.com
www.GulfAtlanticEquipment.com

