

## Colorimeters

### DR/820 Portable Colorimeter

Hach DR/820 Colorimeter combines ease of use with high testing capabilities and field readiness

The DR/820 Colorimeter tests for 20+ methods with automatic wavelength detection

Ready-to-use out of the box

Easy-to-use software, preprogrammed methods, and prepared reagents

Datalogging capabilities

Readout in concentration, ABS, and %T

Dustproof, waterproof, shockproof, and worry free

**Rowe Code: TBA**



### DR/850 Portable Colorimeter

Hach DR/850 Colorimeter combines ease of use with high testing capabilities and field readiness

The DR/850 Colorimeter tests for 50+ methods with automatic wavelength detection

Ready-to-use out of the box

Easy-to-use software, preprogrammed methods, and prepared reagents

Datalogging capabilities

Readout in concentration, ABS, and %T

Dustproof, waterproof, shockproof, and worry free

**Rowe Code: IC1585**



### DR/890 Portable Colorimeter

Hach DR/890 Colorimeter combines ease of use with high testing capabilities and field readiness

The DR/890 Colorimeter tests for 90+ methods with automatic wavelength detection

Ready-to-use out of the box

Easy-to-use software, preprogrammed methods, and prepared reagents

Datalogging capabilities

Readout in concentration, ABS, and %T

Dustproof, waterproof, shockproof, and worry free

**Rowe Code: IC1580**



see over ...

Contact us ...



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## Colorimeters



# DR/890 Portable Colorimeter

Ergonomically designed instrument fits comfortably in the palm of your hand, with all functions easily accessible.



Instrument cap slides off and is used as a light shield during measurement.

All instrument setup and operation functions are accessible by the keypad. Following prompts provided on the instrument display, the user selects the appropriate program, zeroes the instrument, reacts the sample, and reads the results.

Large LCD display prompts user step by step through procedures. Separate areas of the display indicate procedure number, sample number, parameter, test results, units of measure, and other data.

Up to 99 individual readings can be stored and recalled with the touch of a button.

Built-in timer is preprogrammed for methods requiring a fixed reaction time and can be set by the user.

**ROWE CODE IC1580**

1. When turned on, the instrument automatically recalls the last program used. To change programs, press the program key and enter the program number from the procedures manual.

2. Prepare the blank (zero) according to the procedure, place it in the instrument, and press the zero key. The instrument displays the zero and the read icon.

3. Prepare the sample according to the procedure. (An internal timer is preprogrammed for methods that require a fixed reaction time. Timer duration is automatically displayed for the selected procedure; simply start the timer at the start of the reaction.) After reacting the sample, place the sample cell in the instrument and press the read key.

4. The instrument displays the result in concentration units. The user can also toggle the ABS %T key to display absorbance or % transmittance. Some results can be displayed in alternate chemical forms (e.g., Cr may be displayed as mg/L CrO4 or Cr2O7). Scroll through available forms by pressing the concentration key.

5. Save the results by pressing the store key. The instrument will store up to 99 measurements in an internal, non-volatile memory. Results may be printed or transferred to a computer at any time using the Data Transfer Adapter.



### FEATURES

DR890 More than 90 parameters

Waterproof & rugged

Direct reading

### BENEFITS

Broad testing ability

Strong and durable for the field

No standard calibration required

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