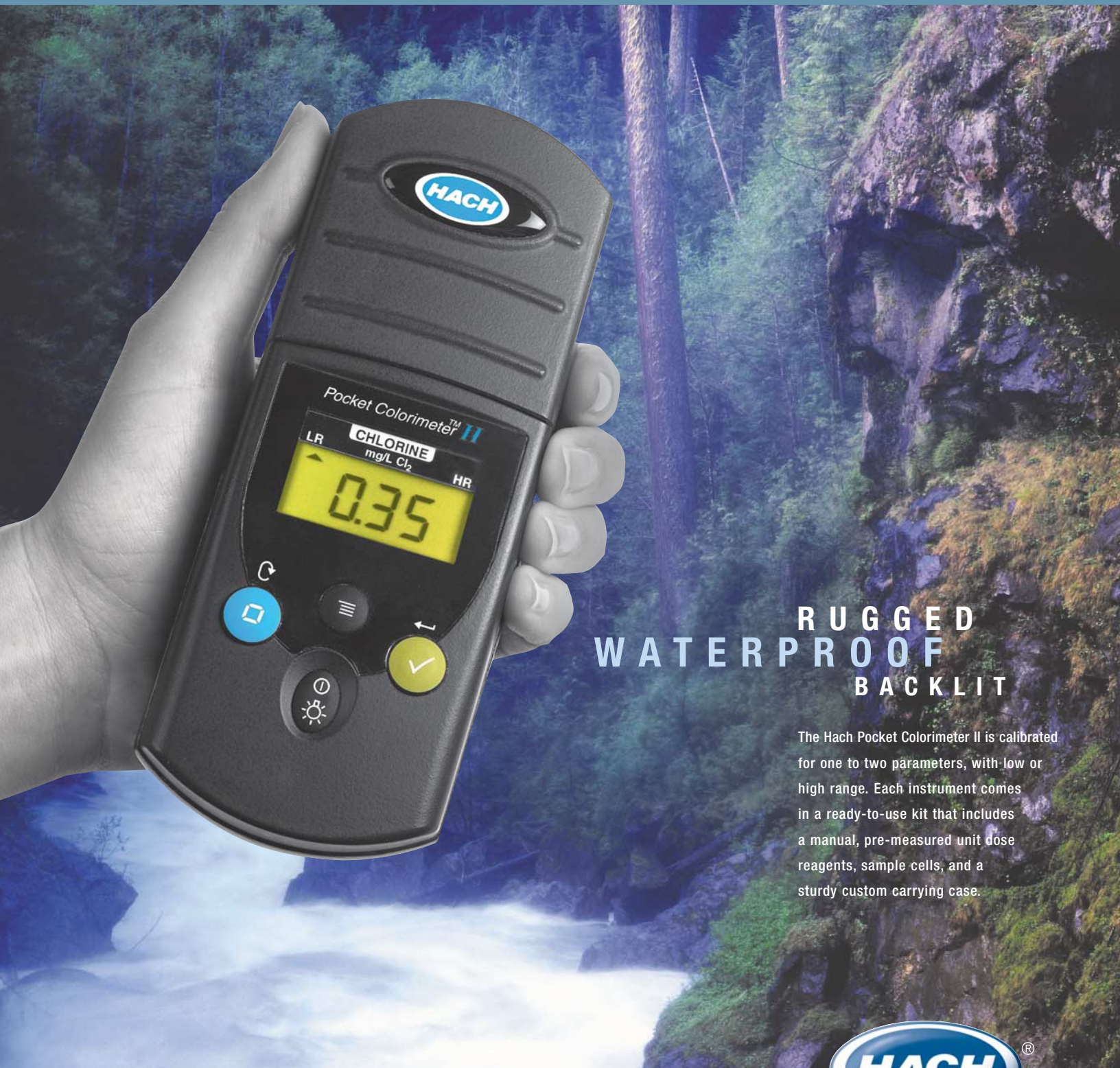


THE VERSATILE AND EASY-TO-USE

POCKET COLORIMETER™ II



**RUGGED
WATERPROOF
BACKLIT**

The Hach Pocket Colorimeter II is calibrated for one to two parameters, with low or high range. Each instrument comes in a ready-to-use kit that includes a manual, pre-measured unit dose reagents, sample cells, and a sturdy custom carrying case.



Be Right™



The Hach name means our products are simple, accurate, and supported with great service.



LANYARD

We have added a lanyard to keep the cap attached to the colorimeter. No more missing or dropped caps!



WATERPROOF

The IP67 rating means the Pocket Colorimeter II can stay submerged at 1 meter for 30 minutes and still function properly. It floats!



RUGGED CONSTRUCTION

A tough, impact-resistant shell protects the electronics and optics. Count on many years of trouble-free operation.



RANGE INDICATOR

The Range Indicator icon indicates either the instrument range or the parameter being tested. For many parameters, the instrument can measure in two different ranges.



SIMPLE, FAST USER INTERFACE

- Read/Enter Key - when measuring samples, press this key to read the concentration. Also used to confirm menu choices.
- Menu Key - quick, simple menu navigation and selection is just a key press away.
- Zero/Scroll Key - when measuring, press the Zero/Scroll Key to zero the instrument. Also scrolls through menu options.



DATALOGGING/RECALL

Record the ten most recent data points and the time measurements were made. No more need to manually record data, saving you the time and hassle of carrying paper, pens, and a clipboard.



POWER/BACKLIGHT KEY

The Power/Backlight Key turns the instrument on, and lets you backlight the large display, making it much easier to read in low light conditions (on demand).



BATTERY INDICATOR ICON

Battery life is significantly improved. The battery icon will tell you when you need to replace the batteries.



WE HAVE IMPROVED THE POCKET COLORIMETER BY ADDING NEW FEATURES, MAKING IT EVEN MORE VERSATILE AND EASIER TO USE.

SIMPLE AS EVER

We have added new features to the Pocket Colorimeter II, but it still has the same great advantages as the original. Hach Colorimeters put the accuracy and reliability of a lab instrument in the palm of your hand.

WATERPROOF, LIGHT WEIGHT AND ECONOMICAL

The Pocket Colorimeters can really be carried in your pocket! Weighing only .23 kg (8.1 oz.), the Pocket Colorimeter II is a low-cost instrument that anyone can use. It even floats!

ACCURATE, REPRODUCIBLE MEASUREMENTS

Wherever you are, the Pocket Colorimeter™ II offers accuracy and reproducibility comparable to expensive lab instruments, but is designed for a long working life in harsh conditions. A long-lasting LED is used as the light source.

PRE-PROGRAMMED

The instruments are factory programmed for one of more than 35 parameters; many are based on EPA-approved methods. No manual calibration is ever required. Simply zero the instrument with a blank, insert the reacted sample, and read the result. It's so easy.

BETTER OPTICS

The improved quality of the optical system allows for expanded ranges for ammonia, chlorine, chromium, copper, iron, and molybdenum, reducing the need for dilutions.

ANALYTE	OLD RANGE	NEW RANGE
AMMONIA	0-0.50 mg/L	0.01-0.80 mg/L
AMMONIA, FREE NEW!	—	0.02-0.5 mg/L
CHLORINE	0-5.00 mg/L	0.1-10.0 mg/L
CHROMIUM	0-0.50 mg/L	0.01-0.70 mg/L
COPPER	0-4.00 mg/L	0.04-5.00 mg/L
IRON, TPTZ	0-1.20 mg/L	0.01-1.70 mg/L
IRON, FERROVER	0-3.00 mg/L	0.02-5.00 mg/L
MOLYBDENUM	0-2.50/0-10.0 mg/L	0.02-3.00/0.1-12.0 mg/L

The ability to accept user calibrations is a first! It allows you to create your own calibration curve or perform a standard adjust.

The improved optics also expand the absorbance range of the instrument to 0-2.5 Abs.

We also manufacture wavelength-specific instruments so you can enter your own methods and calibrations using two to ten standards. Hach makes Spec√™ Standards to verify performance of nine different parameters. Check out our website for more info on the single wavelength colorimeters.

PARAMETERS FOR DRINKING WATER AND WASTEWATER

Aluminum	Iron, TPTZ
Ammonia	Lead, LeadTrak
Ammonia, Free	Manganese, High Range
Bromine	Manganese, Low Range
Chlorine, Free & Total	Monochloramine
Chlorine, F & T + pH	Nitrate
Chlorine Dioxide	Ozone
Copper	Phosphate
Dissolved Oxygen	Sulfate
Fluoride	Zinc
Iron, FerroVer	

PARAMETERS FOR ENVIRONMENTAL TESTING

Ammonia	Nitrate
Dissolved Oxygen	Phosphate

PARAMETERS FOR INDUSTRIAL CONTROL

Ammonia	Nickel & Cobalt
Bromine	Nitrate
Chlorine	Ozone
Chlorine Dioxide	Phosphate
Chromium, Hexavalent	Phosphonate
Dissolved Oxygen	Silica
Iron, TPTZ	Zinc
Molybdate	



The compact size of the Pocket Colorimeter II makes it very portable and convenient.



The ability to float is just one of the great new features of the Pocket Colorimeter II.



Be Right™

Pocket Colorimeter™ II

SPECIFICATIONS ***

POWER SUPPLY	4 AAA batteries, approximate life of 2000 tests (use of backlight reduces this number)
LAMP	Light Emitting Diode (LED)
DETECTOR	Silicon detector
WAVELENGTH	Fixed wavelength ± 2 nm, varies with model
FILTER BANDWIDTH	15 nm
ABSORBANCE RANGE	0 to 2.5 Abs
DIMENSIONS	6.1 x 15.5 x 3.5 cm (2.45 x 6.2 x 1.4 in.)
NET WEIGHT	0.23 kg (0.5 lbs.)
OPERATING CONDITIONS	0 to 50° C; 0 to 90% relative humidity
SAMPLE CELL PATHLENGTH	1 cm and 22 mm
COMPLIANCE	European CE mark
DISPLAY	LCD, backlit
WARRANTY	2 years
ENCLOSURE	IP67, waterproof at 1m for 30 minutes

*** Subject to change without notice

ORDERING

Alachlor (PN 28129-00)
0.1, 0.5 ppb thresholds
Method: Immunoassay (18 tests)

Aluminum (PN 58700-25)
Range: 0.01-0.80 mg/L
Method: Aluminon (100 tests)

Ammonia (PN 58700-40)
Range: 0.01-0.80-mg/L
Method: Salicylate (100 tests)

Ammonia, Free **NEW!**
and Monochloramine (PN 58700-26)
Free Ammonia Range: 0.02-0.50 mg/L
Method: Indophenol (50 tests)
Monochloramine Range:
0.04-4.50 mg/L as Cl₂
Method: Indophenol (100 tests)

Atrazine (PN 27635-00)
0.1, 0.5, 3.0 ppb thresholds
Method: Immunoassay (18 tests)

Bromine (PN 58700-01)
Range: 0.05-4.50/0.2-10 mg/L
Method: DPD (50-100 tests)

Chlorine, F* & T** (PN 58700-00)
Range: 0.02-2.00/0.1-8.0 mg/L
Method: DPD (50-100 tests)

Chlorine, F & T & pH
(PN 58700-12)
Range: 0.1-10.0 mg/L Cl₂
Method: DPD (100 tests)
Range: 6.0-8.5 pH
Method: Phenol Red (100 tests)

Chlorine, SwifTest Dispenser
(PN 58700-23) Free Chlorine *
(PN 58700-24) Total Chlorine * **
Range: 0.02-2.00 / 0.1-8.0 mg/L
Method: DPD (125-250 tests)

Chlorine Dioxide* (PN 58700-51)
Range: 0.05-5.00 mg/L
Method: DPD/Glycine (100 tests)

Chromium, Hexavalent**
(PN 58700-17)
Range: 0.01-0.70 mg/L
Method: 1,5 Diphenylcarbohydrazide
(100 tests)

Copper** (PN 58700-19)
Range: 0.04-5.00 mg/L
Method: Bicinchoninate (100 tests)

Fluoride* ** (PN 58700-05)
Range: 0.1-2.0 mg/L[†]
Method: SPADNS (up to 50 tests)

Iron, FerroVer®**
(PN 58700-22)
Range: 0.02-5.00 mg/L
Method: FerroVer (100 tests)

Iron, TPTZ (PN 58700-16)
Range: 0.01-1.70 mg/L
Method: TPTZ (100 tests)

Lead, LeadTrak™ (PN 58700-21)
Range: 5-150 µg/L
Method: Fast Column Extraction
(20 tests)

Manganese, LR (PN 58700-18)
Range: 0.01-0.70 mg/L
Method: PAN (50 tests)

Manganese, HR** (PN 58700-15)
Range: 0.2-20.0 mg/L
Method: Periodate Oxidation (100 tests)

Metachlor (PN 28134-00)
0.5, 2.0 ppb thresholds
Method: Immunoassay (18 tests)

Molybdate (PN 58700-10)
Range: 0.02-3.00/0.1-12.0 mg/L
Method: Ternary Complex (100 tests)

**Monochloramine
and Free Ammonia** (PN 58700-26)
Monochloramine Range:
0.04-4.50 mg/L as Cl₂
Method: Indophenol (100 tests)
Free Ammonia Range: 0.02-0.50 mg/L
Method: Indophenol (50 tests)

Nickel & Cobalt (PN 58700-20)
Range: 0.01-1.00 mg/L Ni
0.02-2.00 mg/L Co
Method: PAN (100 tests)

Nitrate (PN 58700-02)
Range: 0.4-30.0 mg/L as NO₃-N
Method: Cadmium Reduction (100 tests)

Oxygen, Dissolved
(PN 58700-03)
Range: 0.2-10.0 mg/L
Method: HRDO (50 tests)

Ozone (PN 58700-04)
Range: 0.01-0.25/0.01-0.75 mg/L
Method: Indigo Trisulfonate
(up to 50 tests)

PCB in Soil (PN 27734-00)
1, 5, 10, 50 ppm thresholds
Method: Immunoassay (18 tests)

Phosphate* **(PN 58700-06)
Range: 0.02-3.00 mg/L
Method: PhosVer® 3 (100 tests)

Phosphonate
(PN 58700-07)
Range: 0.1-2.5/1-125 mg/L
Method: PhosVer 3 w/ UV Digestion
(100 tests)

Silica (PN 58700-34)
Range: 1-100 mg/L
Method: Silicomolybdate (100 tests)

Sulfate** (PN 58700-29)
Range: 2-70 mg/L
Method: Turbidimetric (100 tests)

TPH in Soil (PN 27750-00)
20, 50, 100, 200 ppm thresholds
Method: Immunoassay (18 tests)

TPH in Water (PN 27742-00)
2, 5, 10, 20 ppm thresholds
Method: Immunoassay (18 tests)

Zinc** (PN 58700-09)
Range: 0.02-3.00 mg/L
Method: Zincon (100 tests)

* Method is USEPA accepted or approved
for drinking water (additional steps may
be required)

** Method is USEPA accepted or approved
for wastewater (additional steps may
be required)

† Greater sensitivity (0.01 mg/L) is achieved
by substituting bottled SPADNS reagent
for the AccuVac Ampuls provided in the kit.

For current price information,
technical support and ordering
assistance, contact the Hach
office or distributor serving
your area.

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