



LABOR WASSER
DE MÉXICO S.A. DE C.V.

MYRON L COMPANY

Water Quality Instrumentation
Accuracy • Reliability • Simplicity

... Since 1957



LABOR WASSER
DE MÉXICO S.A. DE C.V.

 <https://www.laborwasserdemexico.com/>

Atizapán de Zaragoza

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 Manzana 005 C.P. 52016 El
Espino, Méx

MINI CATALOG





LABOR WASSER
DE MÉXICO S.A. DE C.V.

ABOUT THE MYRON L COMPANY



Founded in 1957, the Myron L Company is a privately owned and operated California Corporation dedicated to the manufacture of accurate, reliable and simple to operate water quality instrumentation. Myron L is a leading manufacturer of both handheld and in-line instrumentation for measuring and monitoring a variety of parameters including:

- Conductivity**
- Resistivity**
- TDS**
- pH**
- ORP (Redox)**
- Temperature**



CORPORATE HEADQUARTERS
CARLSBAD, CALIFORNIA USA

Because of our commitment to continuous product improvement, changes in design and specifications are possible. You have our assurance that any changes will be guided by our product philosophy:

Accuracy
Reliability
Simplicity

WWW.MYRONL.COM

ULTRAMETER II™

MODELS: 4P & 6P

PARAMETERS

- Conductivity
- Resistivity
- TDS
- Temperature
- ORP (6P only)
- pH (6P only)

RANGES

- 10 K Ω - 30 M Ω
- 0 - 9999 μ S/ppm
- 10 - 200 mS/ppt
- 0 - 14 pH
- \pm 999 mV



CE

IP67
Waterproof
& Bouyant

uDock™

IR Data Transfer Port

The uDock™ Accessory Package includes uDock™, USB cable and Macintosh/PC application software for downloading data.

Kits available.



APPLICATIONS

- Reverse Osmosis
- Hydroponics
- Desalination
- Process Verification
- Homeland Security
- Boilers & Cooling Towers
- Fountain Solutions for Printing
- Deionization
- Wastewater
- Environmental
- Laboratories
- Pharmaceutical
- Irrigation Water

BENEFITS AND FEATURES

- Tests up to six aqueous parameters (depending on model): Conductivity, Resistivity, TDS, pH, ORP and Temperature
- Autoranging conductivity/TDS/resistivity
- Conductivity/TDS/Resistivity accuracy of $\pm 1\%$ of reading
- USER mode allows you to program cond/TDS conversion factor, temperature compensation factor, or disable temperature compensation
- pH accuracy of ± 0.01 pH units
- Improved 4 electrode cell technology
- Waterproof to 1 meter/3 feet
- Full four-digit LCD display with superior resolution
- Download capability with optional uDock™
- Expanded memory storage for 100 readings with date & time stamp
- Real time clock

TECHPRO II™

MODELS: TP1, TPH1 & TH1

PARAMETERS

- Conductivity (TPH1 & TP1)
- Temperature (All)
- TDS (TPH1 & TP1)
- pH (TPH1 & TH1)



IP67
*Waterproof
& Bouyant*

CE

APPLICATIONS

- Boilers
- Cooling Towers
- Reverse Osmosis
- Plating and Parts Washing
- Fountain Solutions for Printing
- Wastewater
- Pulp and Paper

BENEFITS AND FEATURES

- Full four-digit LCD display with superior resolution
- Improved electrode cell technology
- Memory storage for 20 readings
- Waterproof to 1 meter/3 feet
- “User Selectable” solution conversions (tempcos)
- Measures Conductivity/TDS, pH and Temperature (depending on model)
- Conductivity/TDS accuracy of $\pm 1\%$ of reading
- pH accuracy of ± 0.01 pH units (TPH1 & TH1)
- Temperature Accuracy of ± 0.1 °C/°F
- Easy keypad calibration
- Prompts for simple pH calibration
- Ranges: 0-14 pH
0-9999 $\mu\text{S/ppm}$
10-20 mS/ppt

CTCII™

COOLING TOWER /CHEMICAL TREATMENT CONTROLLER

MODELS: CTCII, CTCIIT,
CTCIID & CTCIITD

PARAMETERS

- Conductivity
- TDS

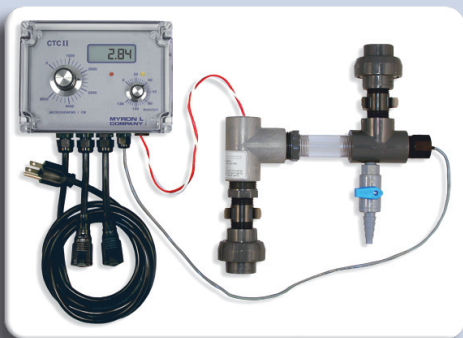


CE

IP65/NEMA 4X
CTCII Shown with
Display & Limit Timer

APPLICATIONS

- Cooling Towers
- Chemical Treatment



Shown: CTCIITD with Flow Switch, Flow Switch Manifold and Mounting Panel

BENEFITS AND FEATURES

- Ideal for water chemistry or cooling towers
- Minimize potential scale and corrosion
- Models available with Display, Limit-Timer and optional 4-20 mA output
- Drift-free performance with “field-proven” electronics
- Knob setting for 0-5000 microsiemens/cm or ppm/TDS
- Includes prewired power cord, 2 output plugs for feed/bleed control and conductivity sensor
- Optional Flow Switch, Flow Switch Manifold and Mounting Panel available
- Custom and OEM models available

700 SERIES II

MONITOR/CONTROLLERS
PH/ORP AND
CONDUCTIVITY/TDS/RESISTIVITY

MODELS: 16 BASE MODELS TO
CHOOSE FROM AND
CUSTOMIZE



CE

BENEFITS AND FEATURES

- 0-14 pH (720 Series II)
- Full ± 1999 mV Range (ORP) (720 Series II)
- 7 Resistivity ranges
0-200 Kiloohms to 0-20 Megohms-cm
(750 Series II)
- 51 Conductivity/TDS ranges
0-1 microsiemens/ppm to
0-200 millisiemens/ppt
(750 Series II)
- Choice of analog meter or 3½ digit LCD
standard. Optional 3½ or 4½ digit
backlit LCD available

APPLICATIONS

- DI & distillation Ultrapure Water Treatment Systems
- Process Control
- Swimming Pools & Spas
- Seawater Desalination
- Municipal Water
- Wastewater Treatment
- Bleach Manufacturing
- Pharmaceuticals
- Environmental Studies
- Food Processing
- Reverse Osmosis
- Reduction of Chromate Waste
- Potable Water
- Agriculture
- Aquaculture
- Medical
- Electronics
- Pulp and Paper
- Printing
- Plating
- Laboratories
- Cooling Towers
- Boiler Condensate
- Power Plants

- Automatic temperature compensation to 25°C
- IP65/NEMA 4X splash and corrosion proof enclosure
- 0-10 Volt DC output (standard)
- 4-20 mA output (optional)
- Single setpoint/alarm (standard)
- Dual setpoint (optional)
- Adjustable setpoint hysteresis
- 24 VDC Solid state output
- 10 amp relay operates on choice of increasing or decreasing reading
- LED's show "above/below" Alarm/control status
- Push-to-test setpoint check
- Transmitter models available
- Custom and OEM models available

AQUASWITCH I™

DI & RO BANK SWITCHER

MODEL: ASI

PARAMETERS

- Conductivity
- Resistivity



APPLICATIONS

- DI Water
- RO Water
- Process Control

BENEFITS AND FEATURES

- Push Button override for immediate bank change-over
- LED's continually give status on both DI banks
- IP65/NEMA 4X splash and corrosion proof enclosure
- 10 amp relay operates alarm or additional control

CONTROLSTIK II™

RINSE TANK SYSTEMS

MODEL: 597

PARAMETER

- Conductivity



IP65/NEMA 4X

APPLICATIONS

- Continuous-flow Rinse Tanks
- Circuit Board Manufacturing
- Electroplating
- Wastewater

BENEFITS AND FEATURES

- Ranges: 5-500 micromhos
(for purified water)
500-5000 micromhos
(for normal tap water)
- Cuts water consumption up to 85%
- Reliable solid-state electronics
- Minimal maintenance

DS/pDS METERS™

MODELS: 30 MODELS TO CHOOSE FROM

PARAMETERS

- Conductivity
- Resistivity (EP only)
- TDS
- pH



EP



EP11/PH

APPLICATIONS

- Wastewater
- River and Stream Water
- Boiler Water & Condensate
- Rinse Water Quality
- Cooling Towers
- Chemical Concentrations
- RO Systems
- Water Pollution Control
- Deionized Water
- Dampening Solutions
- Electroplating
- Swimming Pools & Spas
- Industrial Pollution
- Fountain Solution Concentration

BENEFITS AND FEATURES

- Choice of TDS or conductivity
- Single-, three-, four-, and five-range models
- Ranges: 0-50 to 0-50,000 $\mu\text{M}/\mu\text{S}/\text{ppm}/\text{TDS}$
- Chip/crack resistant cell cup
- Easy to calibrate
- Fast, automatic temperature compensation to 25°C
- Shock resistant meter movement
- Conductivity and pH electrodes mounted in cell cup for maximum protection

POOL AND SPA INSTRUMENTATION

MODELS: PS6 & 512T5D

PARAMETERS

(DEPENDING ON MODEL)

- Conductivity
- Mineral/Salt
- Temperature
- TDS
- ORP
- pH



512T5D

(MEASURES TDS ONLY)

RANGES

- 0-5,000 ppm of TDS (442)
- 0-5,000 ppm of NaCl (mineral)

APPLICATIONS

- Ideal for the measurement and control of pools and spas

POOLPRO™ (PS6)

RANGES

- 0 - 9999 $\mu\text{S/ppm}$
10 - 200 mS/ppt
- 0 - 14 pH
- ± 999 mV ORP

IP67
Waterproof
& Bouyant



CE

BENEFITS AND FEATURES

- Displays in both TDS and NaCl (mineral) values
- Excellent for making differential readings in high salt pools and spas utilizing electrolysis for bio control
- Completely self-contained
- Automatic temperature compensation to 25°C
- Built-in calibration check
- Fast, accurate and simple to use
- Download capability with optional uDock™ (See page 3)
- Expanded memory storage for 100 readings with date & time stamp
- Real time clock

DIALYSATE METERS™

MODELS: D-1 & D-2

PARAMETER

- Conductivity



APPLICATIONS

- Dialysate solutions for artificial kidney machines in hospitals, clinics and homes

BENEFITS AND FEATURES

- Fast and accurate dialysate tests
- Models for both acetate and bicarbonate solutions
- Chip/crack resistant polyethylene cell cup
- Rugged design
- Simple to use
- Automatic temperature compensation to 25°C

RO METERS™

MODELS: RO-1 & RO-1NC

PARAMETER

- TDS



RO-1

APPLICATIONS

- Home use - easy to read color band
- Sales “tool” which dramatically shows the effectiveness of POU drinking water treatment systems
- Servicing RO systems

BENEFITS AND FEATURES

- Instant and accurate TDS tests
- Ranges: RO-1: 0-1250 ppm (0-250 blue, 250-500 orange, 500-1250 red)
RO-1NC: 0-1250 ppm (no color band)
- Electronic internal standard for easy field calibration
- Fast, automatic temperature compensation to 25°C
- Rugged design for years of trouble-free testing
- Simple to use

AGRICULTURE INSTRUMENTATION

AGRI-METERS™

MODELS: AG-5 & AG6/PH

PARAMETERS

- Electrical Conductivity (EC)
- pH (AG6/PH only)



AG6/PH

APPLICATIONS

- Greenhouse Soil EC, pH and Alkalinity
- Floral Preservative Solutions
- Fertilizer Concentration
- Injector Solution Checks
- Hydroponics
- Boiler Water
- Irrigation Water Quality

BENEFITS AND FEATURES

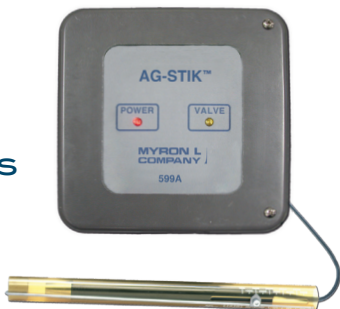
- Electrical Conductivity (EC) Range: 0-5 millimhos
- pH Range: 2-12 pH (AG6/PH only)
- Faster water, soil, and fertilizer tests for immediate results
- Only small amount of soil needed for EC and pH tests
- Automatic temperature compensation to 25°C
- Budget-priced
- Soil Test Kits available for both models
- Rugged design

AG-STIK™

MODEL: 599A

PARAMETERS

- Electrical Conductivity or TDS



APPLICATIONS

- Greenhouse Soil Salinity
- Floral Preservative Solutions
- Fertilizer Concentration
- Injector Solution Checks
- Hydroponics
- Boiler Water
- Irrigation Water Quality

BENEFITS AND FEATURES

- 500-5,000 micromhos or ppm/TDS (selectable)
- IP65/NEMA 4X waterproof enclosure with 316 stainless steel hardware
- Reliable Solid State Electronics
- Salt water intrusion alarm/interlocking
- Safeguards crop/turf production
- Sensor/STIK included with 3 meter/10 ft. cord
- Standard 115 or 230 VAC
- Simple set-up with minimal maintenance

HYDROPONICS INSTRUMENTATION

MODELS: 512T4H, T6/PHH,
TH1H & 598H

PARAMETERS

- TDS
- pH (Depending on model)



HYDRO-STIK™
598H
(SALINITY)

APPLICATIONS

- Greenhouse Soil Salinity, pH, Alkalinity
- Floral Preservative Solutions
- Fertilizer Concentration
- Injector Solution Checks
- Hydroponics
- Boiler Water
- Irrigation Water Quality



T6/PHH
(SALINITY, pH,
ALKALINITY*)



512T4H
(SALINITY,
ALKALINITY*)

* REQUIRES
ALKALINITY
SOIL TEST KIT
(SOLD SEPARATELY)



TH1H
(pH,
TEMPERATURE)

BENEFITS AND FEATURES

- Faster water, soil, and fertilizer tests for immediate results
- Only small amount of sample needed for TDS and pH tests
- Automatic temperature compensation to 25°C
- Accurate & reliable readings
- Soil Test Kits available for some models
- Rugged designs

RO-CHECK™

POU TDS MONITOR

MODEL: RG

PARAMETER

- TDS



APPLICATIONS

- In conjunction with a Reverse Osmosis Unit, the patented RO-Check™ installs on most faucets and monitors Total Dissolved Solids 24 hours a day.

BENEFITS AND FEATURES

- LCD display provides a visual alert should membrane failure occur or TDS levels rise above the set point
- 16 TDS set points, 30-750 ppm, suitable for almost any water
- $\pm 10\%$ accuracy at 20°C/68°F
- Single flow-through cell
- 316SS electrodes are double-sealed to prevent leaks
- Runs 1 year continuously on one 9V battery
- Ideal for use in homes, offices, RV's and boats

ACCESSORIES

REMOTE ALARM™

MODEL: RA



APPLICATIONS

- When activated by a monitor/controller, the Remote Alarm™ accessory will provide an audible and visual alert at a specified remote location.

BENEFITS AND FEATURES

- Loud audible alarm; 75 db at 610 mm/2 ft.
- User adjustable time delay of 0.1 to 10 minutes
- Mute button can temporarily silence the piezo alarm
- Bright red LED is clearly visible even while the alarm is silenced
- Compact case made of rugged ABS plastic
- Operates on safe 24 VDC
- Fixed timer available on special order

CASES & KITS

(INSTRUMENTS SOLD SEPARATELY)

LITHO-KIT™

FOUNTAIN SOLUTION CONTROL

MODELS:

ULK (6P)

PLK (M6/PH)

CLK (512M5)



APPLICATIONS

- Allows fast and accurate testing of fountain solution conductivity and pH

BENEFITS AND FEATURES

- Works with all fountain solutions
- Indicates optimum time to drain tank and remix
- On-the-spot measurements allow fine tuning during press runs
- Includes 203 mm/8 in. long stem thermometer to check temperature solution directly from pan
- Plastic syringe allows you to draw samples from remote pans
- Also tests source water quality

PORTA-KIT™

FOR ULTRAMETER SERIES, TECHPRO SERIES AND POOLPRO

Kit includes hard, foam-lined carry case and 2 oz. each of: 442-3000 and KCL-7000 Conductivity/TDS Standard Solutions; 4, 7 and 10 pH Buffers; and pH Sensor Storage Solution. PKPS also includes NAACL-7500 TDS Standard Solution.

MODELS:

PKU ULTRAMETER II &
TECHPRO II (TPH1 & TPI)

PKP TECHPRO II (TH1)
DOES NOT INCLUDE
CONDUCTIVITY/TDS
CALIBRATION STANDARD
SOLUTIONS

PKPS (POOLPRO)



PORTA-KIT™

FOR T2/PH, T6/PH AND
EPI1/PH PDS METERS.

Kit includes hard, foam-lined carry case and 2 oz. each of: 4, 7 and 10 pH Buffers, pH Sensor Storage Solution, and a 2 oz. bottle of either 442-3000 or KCL-7000 Conductivity/TDS Standard Solutions.

MODELS:

PK3 (T2/PH, T6/PH)

PK7 (EPI1/PH)



CASES & KITS

(INSTRUMENTS SOLD SEPARATELY)

SOIL TEST KIT

Includes hard, foam-lined case, 2 ounces each of 4, 7 and 10 pH Buffers, 442-3000, soil test vials and Alkalinity Test Kit.

MODELS:

STK (AG-5 METER)*

PSTK (AG6/PH METER)

* DOES NOT
INCLUDE
CALIBRATION
SOLUTIONS



PORTA-PAK

FOR USE WITH ANY MYRON L
DS/PDS METER

Hard, foam-lined carry case molded of sturdy
ABS plastic.

MODEL:

PTP



PORTA-PAK

FOR ULTRAMETER SERIES, TECHPRO SERIES AND POOLPRO

Hard, foam-lined carry case molded of sturdy ABS plastic.

MODEL:
UPP



CARRY CASE

AVAILABLE IN BLUE OR DESERT TAN FOR ULTRAMETER SERIES, TECHPRO SERIES AND POOLPRO

Padded, zippered case with belt clip.

MODELS:
UCC (BLUE)
UCCDT (DESERT TAN)



STANDARD SOLUTIONS & BUFFERS



Myron L instruments are factory calibrated with NIST traceable standard solutions having specific conductivity/TDS values.

Myron L Company Standard Solutions are made under strictly controlled conditions using reagent grade salts. These salts are mixed with deionized water having a resistivity of at least 5 megohms-cm purity.

Myron L Company Standard Solutions are accurate to within $\pm 1.0\%$ of potassium chloride reference solutions. These solutions are traceable to the National Institute of Standards and Technology. The original conductivity data for all solutions are derived from the International Critical Tables Volume No. 6, pgs. 229-239.

CUSTOM SOLUTIONS AND VARIOUS SIZES AVAILABLE

SIZES:

- 1 qt./ltr.
- 1 gal./3,8 ltr.
- 2 oz./59 ml



For ORP/Redox Calibration Standards contact the Myron L Company.

NIST CERTIFICATION

NIST (U.S. National Institute of Standards and Technology) Certification

All conductivity and pH solutions used in factory calibration are NIST traceable.

Written certification of factory NIST calibration of instruments and/or NIST traceability of conductivity and pH solutions are available*

Note: Test data is not included.

MC: Certificate of factory NIST calibration of any portable instrument

SC: Certificate of NIST traceability for conductivity or pH solution

** If ordered after the instrument/solution has shipped, the serial/batch number & expiration date must be supplied when placing the order.*

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LIMITED WARRANTY: All Myron L instruments have a limited warranty. Warranty is limited to the repair or replacement of the instrument only, at our discretion. The Myron L Company assumes no other responsibility or liability, and reserves the right to make changes in design, specifications, and prices without notice.