

## **Innovation at work / Millipore Corporation.**

### **Contributors**

Millipore Corporation.

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# Innovation at Work

High precision resistivity cell  
and temperature compensation system

Built-in TOC measurement

RS232 output for printout of  
water quality data

Ultrapure water dispenser  
with built-in control  
for easy operation

Q-Gard™ Purification  
Packs tailored to your  
feedwater source

Millipak™ 0.22 µm Filter Unit  
for removal of bacteria and  
particles at the point-of-use

Pyrogard™ 5000 Ultrafilter  
for effective pyrogen removal

Quantum™ Ultrapure  
Cartridges for the purity  
your application  
demands

New pump design for  
virtually silent operation

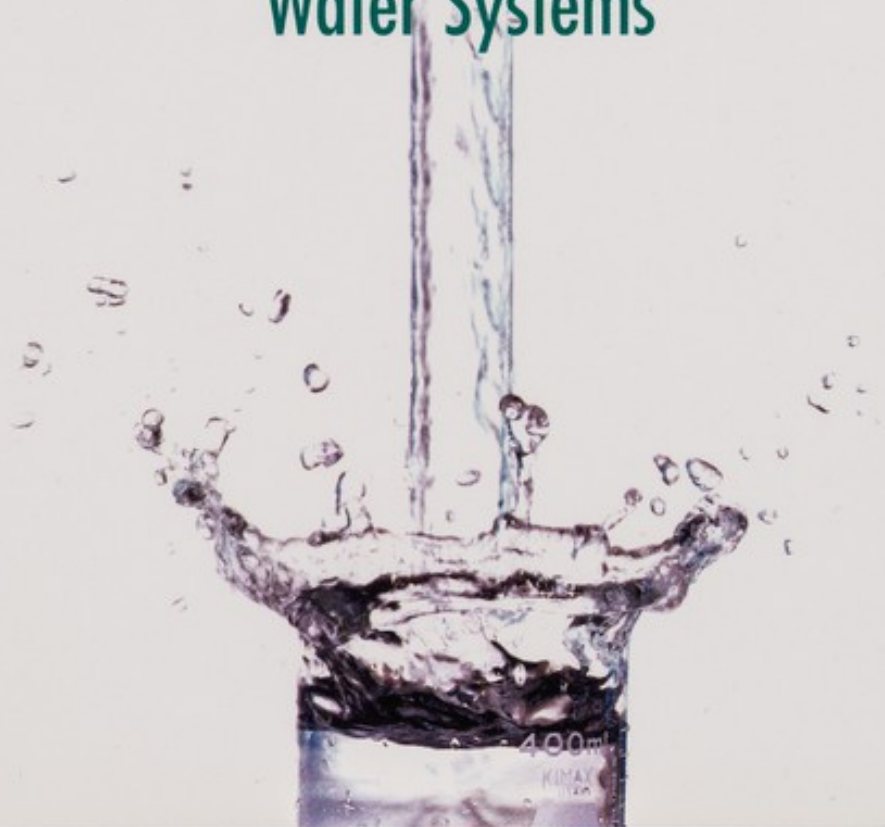
Photo-oxidation module for  
ultra-low organic levels



MILLIPORE

Put Innovation

to Work  
in Your Lab  
with THE  
all-new line  
of Milli-Q Ultrapure  
Water Systems





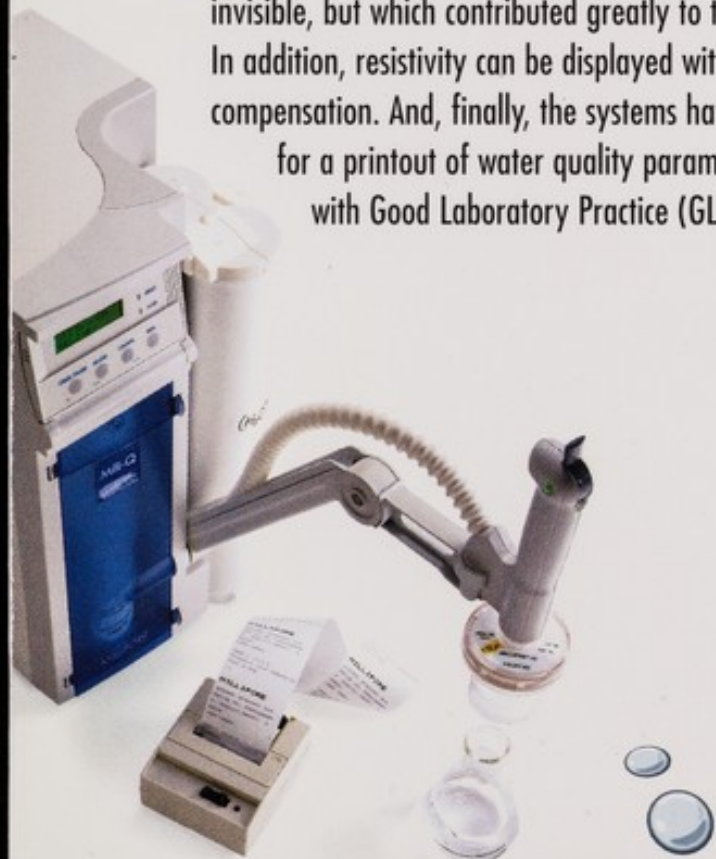
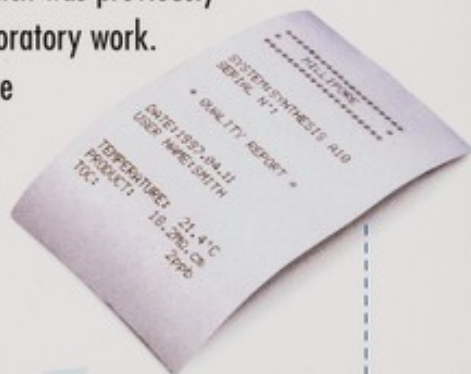
## A System Tailored to Your Needs

The new Milli-Q systems are designed to meet your expectations. The Q-Gard purification packs are chosen based upon your feedwater quality and the Quantum ultrapure polishing cartridges are selected based on your specific application needs. In addition, the systems are upgradeable simply by adding purification technologies. For example, you can add a UV photo-oxidation component for ultra-low organic levels or the Pyrogard 5000 ultrafilter for pyrogen or trace enzyme removal.



## Better Control Over Water Quality Than Ever Before

Built-in Total Organic Carbon (TOC) monitoring allows you to see the organic purity of product water in addition to the standard measure of ionic purity provided by resistivity levels. This allows you to control a whole aspect of water purity which was previously invisible, but which contributed greatly to the outcome of your laboratory work. In addition, resistivity can be displayed with or without temperature compensation. And, finally, the systems have a built-in RS232 port for a printout of water quality parameters, in accordance with Good Laboratory Practice (GLP).



18.2MΩ·cm 27.0°C  
TOC: 2 PPB

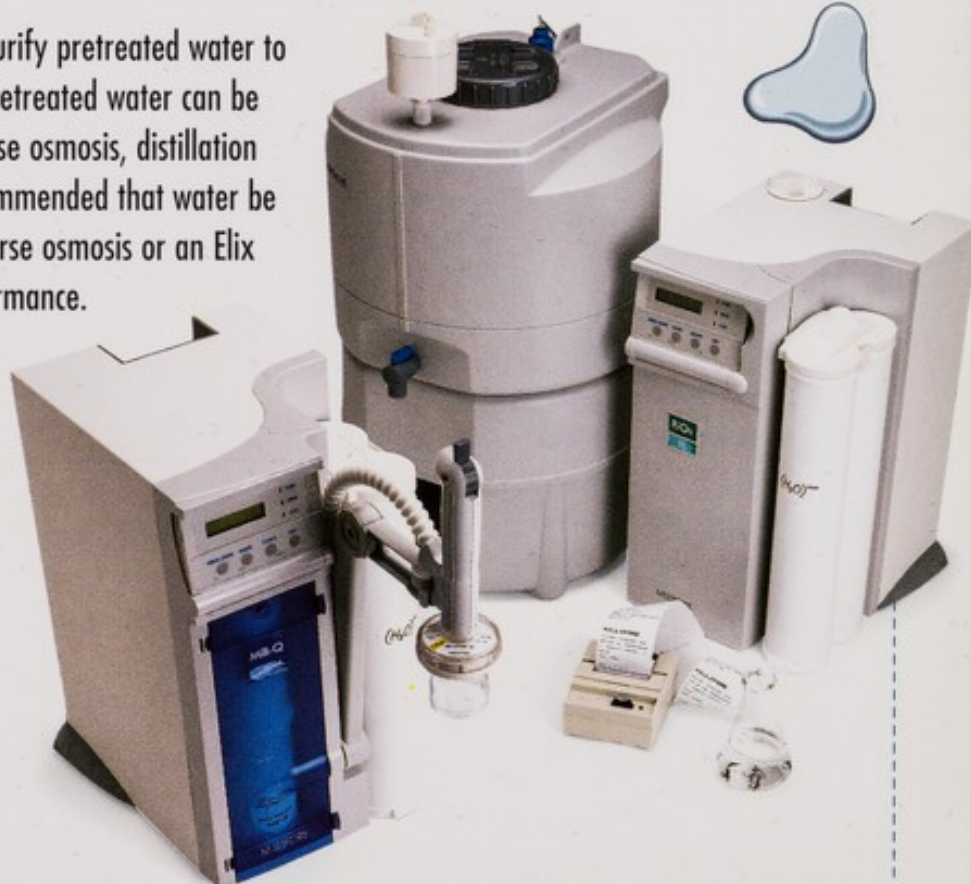
## User Friendly and Convenient

Milli-Q systems have a water dispenser with a built-in water quality indicator. The arm can be extended and the dispenser can be detached from its clip for additional flexibility. When the system is not in use, an internal recirculation pump will keep water moving through the system to maintain consistently high purity levels. Milli-Q systems also offer a choice of display languages to suit local needs, new pump technology which results in a virtually silent system, and the ability to produce a specified volume of ultrapure water then stop automatically.

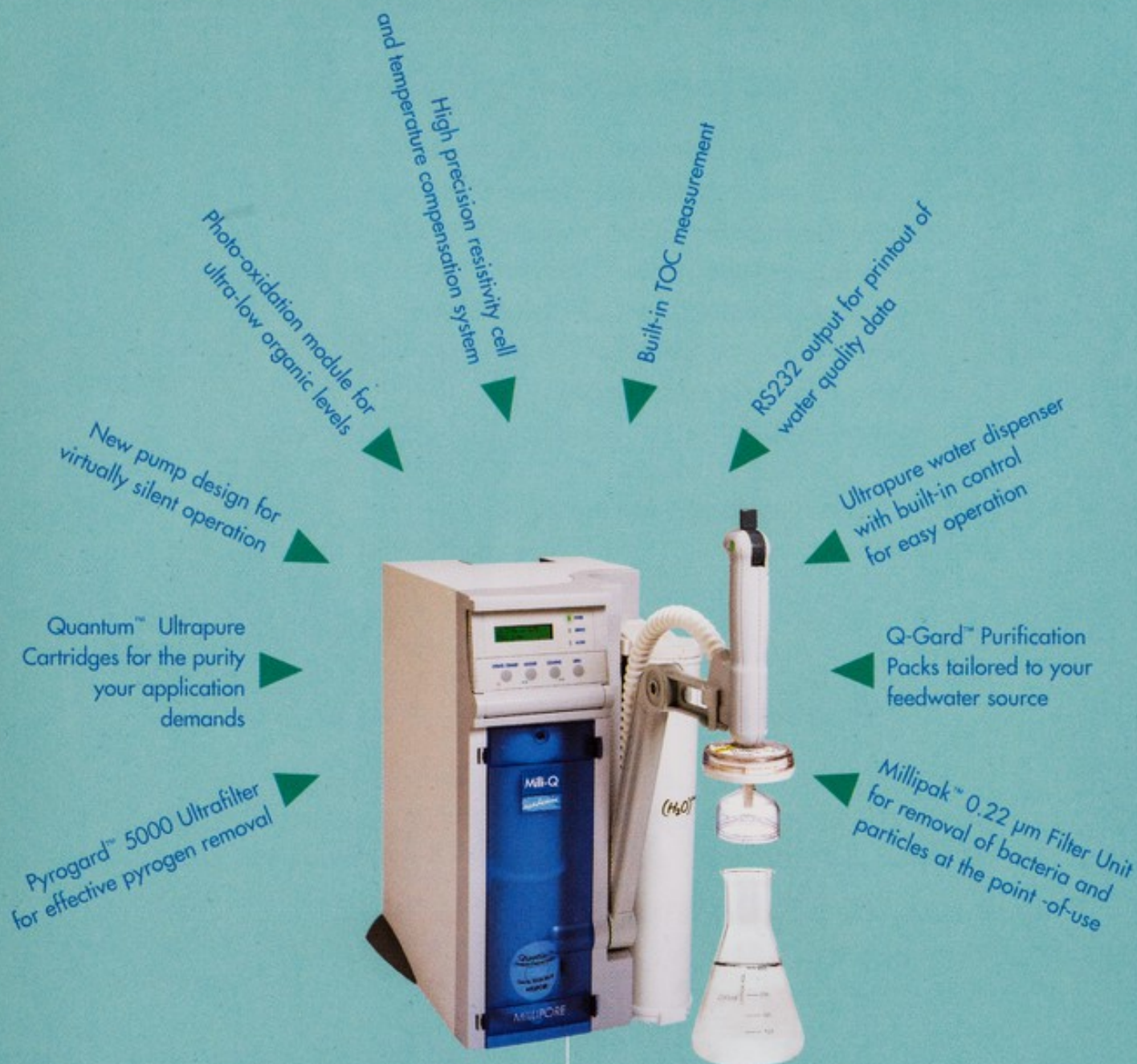


## Complete Control Over Your Laboratory Water

Milli-Q systems further purify pretreated water to ultrapure levels. While pretreated water can be initially purified by reverse osmosis, distillation or deionisation, it is recommended that water be pretreated by either reverse osmosis or an Elix system for optimal performance.







### Systems Specifically Designed to Meet Your Expectations

Continuous feedback from high purity water users in laboratories around the world is the driving force behind this new generation of Milli-Q™ ultrapure water systems. Your input has resulted in a range of systems which are upgradeable, easier to use, and provide greater control over water quality than ever before. On the following pages you will find how to put innovation to work in your laboratory.

**NEW**

**Milli-Q**





# MILLIPORE

**For further information on Milli-Q systems contact us:**

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