

March 6, 2017

MilliporeSigma Advances Lab Water Purification Technology with Milli-Q® IQ 7000 System

- **Marks 50th anniversary of first lab water system launch**
- **First to use environmentally friendly, mercury-free UV lamps**
- **Smaller, ergonomic design reduces waste, increases productivity, accelerates research**

Billerica, Massachusetts, March 6, 2017 — [MilliporeSigma](#) today announced the global launch of the Milli-Q® IQ 7000 system, the seventh-generation Milli-Q® water purification innovation. This launch marks 50 years of providing ultrapure water to scientists in laboratories all over the world. The company announced details about the water purification system during a press briefing at the [Pittcon Conference & Expo 2017](#) in Chicago, Illinois.

“While there have been tremendous advancements in the lab, today’s scientists continue to seek ways to improve reproducibility and reliability of data,” said Udit Batra, Member of the Executive Board, [Merck KGaA, Darmstadt, Germany](#) and CEO, MilliporeSigma. “Our customers are looking for compact, ergonomic systems and software so that they can advance science, further faster. Our new lab water system addresses these pain points, allowing scientists to focus on problem solving, without worrying about the purity of their water. This new system reflects our legacy of pioneering innovations in lab water purification.”

For half a century, MilliporeSigma has been the partner of choice for water purification systems and services for lab scientists who need to ensure their water is free of contaminants.



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To ensure that MilliporeSigma's new water purification systems meet customers' evolving needs, the company combined customer feedback with its engineering and technical expertise to develop the Milli-Q® IQ 7000 system—an even smaller, easier-to-use, device, designed with:

- ech₂O® mercury-free UV lamps for the photooxidation of organic contaminants
- Purification cartridges that are 33 percent smaller than previous versions
- High-definition digital touchscreen similar to a mobile phone display for simple operation
- Easy connection to lab networks through an integrated data management system that allows quick, easy access to information
 - Includes custom reporting and global system data archive for traceability and paperless environment for generating reports
- Hibernation mode to maintain system water quality with reduced energy consumption
- Ergonomic, precise dispensing wheel with a wider range of ultrapure water dispensing options—from drop-by-drop up to 2 liters per minute
- Smaller footprint, free of tubing / cables for a smaller, clutter-free workspace

MilliporeSigma's leading brand, Milli-Q® water, has become synonymous with ultrapure lab water, and is the most cited brand in peer-reviewed publications. Milli-Q® systems have purification media that are tested and designed exclusively for MilliporeSigma, allowing the company to provide the best water quality to labs across the world.

MilliporeSigma's Milli-Q® IQ 7000 system is the first product in an offering that will replace the existing bench-top Milli-Q® Advantage A10 systems. It will be available for purchase in April 2017.

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About the Life Science Business of Merck KGaA, Darmstadt, Germany

The life science business of Merck KGaA, Darmstadt, Germany, which operates as MilliporeSigma in the U.S. and Canada, has 19,000 employees and 65 manufacturing sites worldwide, with a portfolio of more than 300,000 products enabling scientific discovery. Udit Batra is the global chief executive officer of MilliporeSigma.

Merck KGaA, Darmstadt, Germany completed its \$17 billion acquisition of Sigma-Aldrich in November 2015, creating a leader in the \$125 billion global life science industry.

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Merck KGaA, Darmstadt, Germany is a leading company for innovative and top-quality high-tech products in healthcare, life science and performance materials. The company has six businesses – Biopharmaceuticals, Consumer Health, Allergopharma, Biosimilars, Life Science and Performance Materials – and generated sales of €12.85 billion in 2015. Around 50,000 employees work in 66 countries to improve the quality of life for patients, to foster the success of customers and to help meet global challenges.

Merck KGaA, Darmstadt, Germany is the world's oldest pharmaceutical and chemical company – since 1668, the company has stood for innovation, business success and responsible entrepreneurship. Holding an approximately 70 percent interest, the founding family remains the majority owner of the company to this day. The company holds the global rights to the name and the trademark "Merck" internationally except in the United States and Canada, where the company operates as EMD Serono, MilliporeSigma and EMD Performance Materials.