Kimtron files sixth patent for the DUAL and the QUAD Multi-output X-ray Generators

20kW X-ray Generators capable of driving a plurality of sources, simultaneously.

OXFORD, CT, UNITED STATES, January 14, 2026 /EINPresswire.com/ -- Kimtron today announced that the Company is filing patent #6 and naming four inventors who participated in the artwork for a family of High Voltage Power Supply/X-ray Generators capable of driving up to four (4) X-ray sources independently.

Based on the current-state modular HVPS topology and including all the advanced features of Kimtron's Ultra High Power (UHP) line of HVPSs, the units were developed for applications where multiple x-ray tubes must be driven simultaneously and independently, and for cost reduction through a minimized component count.

Peter Cawley, CEO, states, "Incorporating some of our own prior art, the DUAL™ and QUAD™ employ the same matchless features customers have come to expect from Kimtron, such as true M2M communication, constant current source filament drives, the ability to accurately monitor and display real-time filament and emission current values, genuinely unrivaled reliability, and a 36-month warranty."

"Developed initially for our sterilization division, we're seeing interest and applications for this technology across all the industries we serve."
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About the Company
Kimtron Inc. was formed in 1991 as an industrial X-ray sales and service organization that has since developed into a world-leading design and manufacturing firm of highly advanced HV Power Supplies, X-ray generators, and X-ray-related systems. Alongside the Industrial (NDT) market, the company serves over 300 customers across varied industries, including Aerospace,

Medical Research, Sterilization, Metal Casting, Automotive, Defense, and Homeland Security.

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