



For Immediate Release

Contact:

Chad Burks
Commercial Programs Manager
(262) 946-2807
Chad.Burks@mtecorp.com
www.mtecorp.com

Stu Accola
Product Marketing Manager
(262) 946-2713
Stu.Accola@mtecorp.com
www.mtecorp.com

MTE Expands the Matrix[®] AP Product Family With High Current Harmonic Filters

Expanded Harmonic Filters with Patented Active Passive Technology Mitigate Harmonics for a Wide Range of Power Loads - Helps Customers Meet IEEE-519 Requirements

Menomonee Falls, WI – July 16, 2014 - [MTE Corporation](http://www.mtecorp.com), a world leader in the design and manufacture of high-efficiency electrical power quality solutions for commercial and industrial applications, today announces the extension of the Matrix AP Harmonic Filter product line. Joining the [Matrix AP](#) family of 480V, 60Hz offerings, are larger 1600A, 2000A, and 2300A harmonic filters.

Large Induction Furnaces, Silicon-Controlled Rectifier (SCR) Loads, Variable Frequency Drives (VFDs), and other electrical equipment can introduce harmful harmonics into neighboring equipment and onto the electrical grid system, resulting in poor power quality, reduced energy efficiencies and potential penalties from utility companies.

Operating at over 99 percent efficiency, MTE's Matrix AP harmonic filters address the demand for improved power quality, providing users with the most efficient harmonic mitigation available in a passive filter. Incorporating MTE's patented Adaptive Passive technology, the Matrix AP harmonic filters are able to quickly adapt their impedance in response to changing electrical loads. Compared to other passive filter designs that work for 100 percent loads, the Matrix AP maintains filtering performance over a wider load, including mitigating harmonic distortion at low loads. This unique capability gives the Matrix AP family the distinction of being the most technically advanced passive filters on the market.

As with all Matrix AP models, the new high current (1600A, 2000A, and 2300A) filters are available in open panel, have a wide operating temperature range of -40°C to 50°C, and are UL and cUL Listed. In addition the Matrix AP family offers a 3-year warranty. For more information on MTE's power quality solutions, visit: www.mtecorp.com or call 800-455-4MTE (800-455-4683).

About MTE:

MTE Corporation is an international supplier of power quality solutions designed to improve the reliability of power electronic systems and adjustable frequency drives. MTE manufactures line/load reactors, Matrix[®] AP Passive Harmonic Filters, EMI/RFI filters, DC link chokes, dV/dt and SineWave Guardian[™] motor protection filters, plus numerous custom magnetic products that provide power quality solutions in a broad range of applications.

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