

Diversified Technologies' Laboratory PEF System Is Very Effective Pre-Treatment for Drying, Juicing & Frying

A new fully integrated pilot system that can accommodate the pre-treatment of whole pieces of fruits and vegetables in 0.5 liter batches in addition to a liquified flow to dramatically decrease energy costs and increase juice yield.

BEDFORD, Mass. ([PRWEB](#)) August 07, 2018 -- [Diversified Technologies, Inc.](#) has introduced a new PEF (pulsed electric field) laboratory system for pre-treating whole pieces of fruits and vegetables to let users establish parameters for production scale-up.

[Diversified Technologies' Laboratory PEF System](#) is a fully integrated pilot system that can accommodate the pre-treatment of whole pieces of fruits and vegetables in 0.5 liter batches in addition to a liquified flow. Capable of achieving up to an 80% reduction of drying energy or up to 50% increase in juice yield, this precursor system for drying, juicing, and frying lets users evaluate their process and create parameters for production scale-up.

Featuring 5 kV/cm in batch mode and up to 40 kV/cm continuous, [Diversified Technologies' Laboratory PEF System provides](#) a 5 log pathogen kill and permits the quantification of process improvement. Suitable for R&D, batch testing, and process development, it can now be rented for 1 to 3 months to allow cost-benefit calculations prior to considering a capital investment.

Diversified Technologies' Laboratory PEF System is priced from \$85,000.00, depending upon configuration. Literature is available upon request.

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