How you can save $1000 per Month per Autoclave

Using TE Wire & Cable's ***AccuClave®*** Thermocouple
and ***AccuClave®-X*** Extension Cable System in your autoclave

Specifications for curing of composite products frequently require that thermocouples are used only once in order to maintain the highest level of accuracy. Likewise, in some curing applications the thermocouple must be reclaimed by re-junctioning after a single curing cycle.

The reusable ***AccuClave®-X*** Extension Cable, used with short, replaceable ***AccuClave®*** Thermocouples, can add up to considerable savings in thermocouple costs over using conventional long-length thermocouples. In most applications an ***AccuClave®-X*** Extension Cable can be reused 50 times or more.

The following is a representative calculation of a cost savings of more than $1,000 per autoclave per month using TE Wire & Cable's ***AccuClave®*** **System**. Your savings may vary with your application and with volume. Prices and autoclave usage are typical. Call TE Wire & Cable or see your TE Wire representative for current pricing for ***AccuClave®*** products.

<u>*AccuClave®* Savings Calculation</u>

<u>Conventional Thermocouple</u>	**<u>*AccuClave®* System</u>**
50 20' Thermocouples…50 x $15 each = $750	50 3' ***AccuClave®*** Thermocouples….50 x $8 = $400
	1 ***AccuClave®-X*** Extension Cable…1 x $75 = $75
$750	$475

The savings is $275 for 50 thermocouples, or **$5.50 for each thermocouple used**.
In a typical application:

8 thermocouples per load **x 30** loads per month **x $5.50** savings per thermocouple **= <u>$1320 total savings per month</u>**

And there's even more savings:

- Multiply the savings above by the number of autoclaves in your facility.
- Add the savings in autoclave yield that the ***AccuClave®*** System's reliability and accuracy provides.
- Consider the labor savings of simply unplugging the short ***AccuClave®*** Thermocouple from the ***AccuClave®-X*** Extension Cable and plugging in a new ***AccuClave®*** in lieu of removing long-length thermocouples and threading new long-length thermocouples in their places for each curing cycle.
- Evaluate the true cost of in-house fabricated or rejunctioned thermocouples versus the savings of purchasing pre-assembled and tested, ready-to-use and traceable ***AccuClave®*** Thermocouples.
- Calculate the labor saved with ***AccuClave®***'s leak-proof technology as opposed to stripping thermocouple wire to provide vacuum tight under-the-bag seals.

AccuClave is a registered trademark of TE Wire & Cable LLC

TE Wire & Cable
107 N 5th Street, Saddle Brook NJ, 07663-6167 USA
888-4TE-WIRE (888-483-9473) **www.tewire.com**
Fax 201-291-1190 International 201-845-9400 sales@tewire.com

A Marmon Wire & Cable/Berkshire Hathaway Company