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THE LABSTAT

Finally!

- A Plating Test Cell (PTC) equipped with an interchangeable thermostat.
- Temperature control is improved to +/- 2 Deg. F.
No more +/- 10 deg F.
- Use one thermostat for all your Plating Test Cells.



THE LABSTAT

THE SAFE, ACCURATE AND
ECONOMICAL PROCESS CONTROL SYSTEM

SAFE

The Labstat PSC PE comprises a very safe and versatile laboratory solution heating system. The system uses a variable power heater, which reduces its output when the temperature of the heater becomes excessive, effectively shutting the heater off.

ACCURATE

Ordinary hull cells provide a temperature variation of +/- 10 deg F. The Labstat PSC Thermostat can provide a temperature variation of +/- 2 deg F.

If your process solutions are held to a high level of accuracy why shouldn't your laboratory solutions be held to the same standards?

By plugging the power supply into the Labstat PSC Thermostat (Power Supply Control) the user can control the duration of the test with the thermostat's timer.

ECONOMICAL

It's common practice to use one cell for each different solution to prevent contamination of the solution being tested. Since the Labstat Plating Test Cell (PTC) does not have an integral thermostat several cells can be used with one Labstat PSC Thermostat saving money by requiring a less expensive cell.

Ordinary Hull Cells are either used at a reduced capacity or discarded when the self-contained thermostat fails; with the **Labstat System** each component can be either replaced or repaired. ***It's not uncommon to see a graveyard of Hull cells that no one uses nor wants to throw away.***

VERSATILE

The **Labstat PE** is designed as a universal PTC; it will accommodate any plating solution that requires heat or air or none.

It may seem like overkill to have heat and air in every cell but as times change so do the requirements for plating test cells, in the future you may want to use the cell for some other solution.

The **Labstat PE PTC** can be cleaned easily by removing the air chamber plug and heater for thorough rinsing. If needed it can be soaked clean/leached and then used for new requirements.

DURABLE ONE PIECE CONSTRUCTION

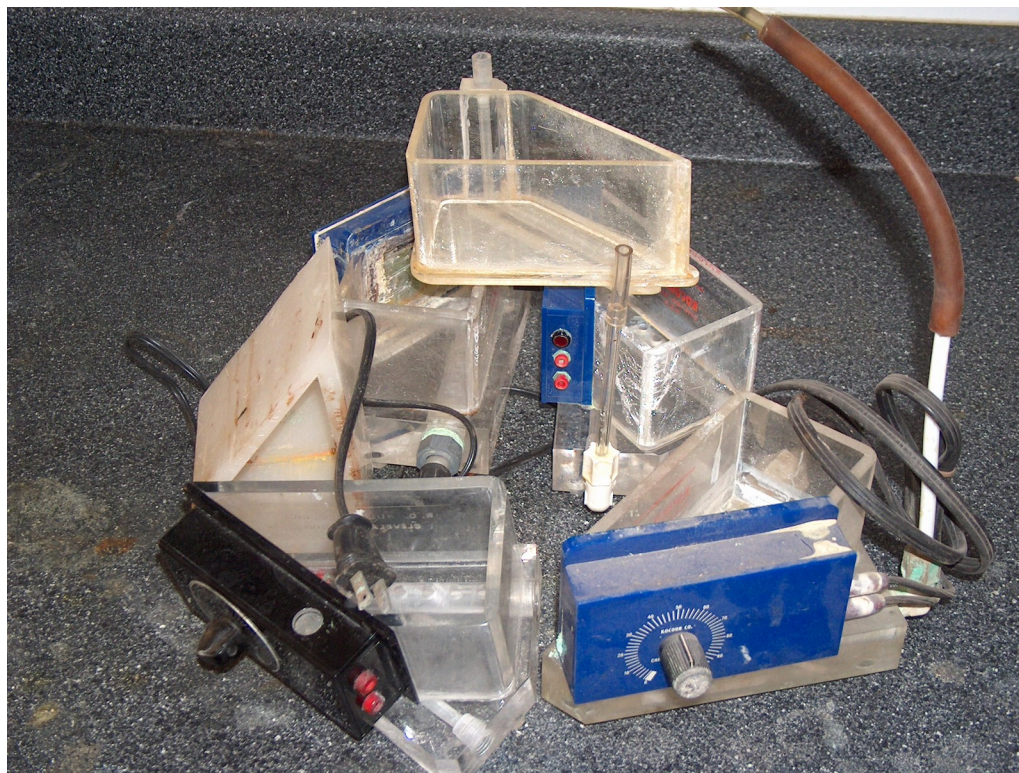
The **Labstat PE PTC** is a solid block of polyethylene, machined with precision; it will withstand almost any plating solution.

It won't leak at the seams (because there are none) and it won't crack.

NO HASSLE TEMPERATURE CONTROL

With an ordinary hull cell too much time and effort goes into checking and adjusting the temperature, not only before the testing begins but also during the test. The Labstat System eliminates the constant checking and re-checking of the temperature and allows the technician to do something else while the test is running, imagine that!

Do you have a graveyard of Hull cells like this?



Many of them serving only half their purpose?

Some with heat but no air?

Some with air but no heat?

Some with heat and air and a thermostat that doesn't work?

What good are these cells?

Why do you keep them around?

**Probably because you don't have the heart to throw them
away!**

**Get rid of your graveyard and buy a Labstat! The Labstat PSC PE System
uses an external thermostat with power supply control (PSC) while the
Labstat PE cell (polyethylene) is designed with the capacity for heat and air.**

**The Labstat PSC can be utilized for controlling the
temperature of other laboratory solutions as well as the PE
cell.**

For information and your nearest distributor please call or

Email us at 918-455-4411 or contactus@eciato.com.

Thanks for your interest in our products.