

PRESS RELEASE

February 2007



An Easier Life for Chemists

Cambridge UK: The hotplate is one of the most frequently used laboratory tools. Asynt (Isleham, Cambridge) have applied their expertise in chemical synthesis to the design of a new hotplate system that eliminates most of the problems and nuisances experienced with traditional hotplates.

For example, a common problem, particularly with viscous materials, is that magnetic stirrers will decouple from the drive during start up and may never recover. This new design maintains efficient magnetic coupling by “ramping” the stirrer speed, ensuring continuous and effective stirring even with up to 20 litres of liquid.

800 watts of heating power combined with the possibility of using an external Asynt immersion sensor gives fast heating over a 20-300°C temperature range with the assurance that the solution is actually at the desired temperature.

The hotplate itself is made of silumin, an aluminium/silicon alloy with excellent corrosion and scratch resistance that is further enhanced with a ceramic coating. For extra safety, the external housing is hermetically sealed so that if spillages or leaks do occur, liquid and gases cannot reach the drive or electronics.

When more control accuracy is required, the unit can be used with an Asynt Electronic Temperature Controller, giving $\pm 0.5^\circ\text{C}$ temperature control and the added convenience of direct digital temperature readout.

This hotplate is fully compatible with Asynt's popular DrySyn range of dry heating blocks that give effective temperature control (up to 250°C) of single or multiple reaction flasks without the use of messy, potentially hazardous oil baths.

E-mail sales@asynt.com , call +44 (0)1 638 781 709 or visit www.asynt.com for more information.

PTO

For product enquiries please contact:

Asynt

Kathrin Hilpert +44 (0)1638 781709

Email: Kathrin@asynt.com

For media enquiries please contact:

Phoenix MarCom Ltd

Paul Carter + 44 (0) 1223 873318

Email: paul.carter@phoenixmarcom.co.uk

Editors' notes

About Asynt Ltd

Based near Cambridge, UK, Asynt specialises in providing innovative technologies for the chemical synthesis sector. Formed in July 2003, the company has grown rapidly over the past two years now and has a well established international customer base in both the research and biopharmaceutical sectors. Asynt's concept is to provide completely new solutions for chemists in addition to a range of unique supporting products. The current team at Asynt has over 25 years of experience providing, developing and supporting novel and new world leading products for chemists.

Asynt's mission is to provide "a fresh outlook in chemistry technologies" by combining in-depth scientific and technical expertise and will continue to develop and introduce other new and exciting products into 2007. This has already resulted in a wide range of world leading products for medicinal chemistry and parallel synthesis (J-KEM personal synthesiser, DrySyn MULTI reaction block, Omni reaction station, AFRICA flow reactors) custom synthesis and building blocks (PharmaCore) and chromatography (Analogix/Interchim columns). Safe hydrogenation technology from Thales Nanotechnology (H-Cube), as well as Heidolph, Julabo, Vacuubrand, custom glass, and custom PTFE ware. The DrySyn range has been granted European Design Rights and US patents have been applied for.