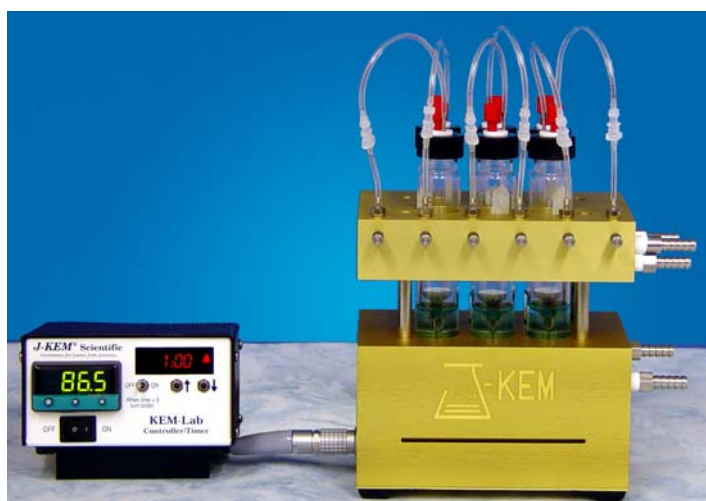


## J-KEM Personal Reaction Station Heat, Cool, Reflux– Classical Synthesis in a Parallel Format

The Personal Reaction Station has every feature needed for lead development and high throughput applications.

- Precise temperature control
- Powerful magnetic stirring
- Inert atmosphere for each reactor
- Reactions are run in a 50ml glass tubes that fit inside a heated and cooled reactor base
- Six built in magnetic stirrers provide powerful and even stirring even for viscous and heterogeneous reactions
- Reflux condenser plate surrounds the midsection of each tube allowing a continuous reflux with no cross contamination or solvent loss
- Reactors connect to an inert gas manifold through separate needle valves and luer quick disconnect fittings, so that individual reactors can be added or removed without disturbing the atmosphere in other reactors
- All reactors have Teflon septummed needle ports for adding reagents and for sampling reactor content



| Technical Data        |   |
|-----------------------|---|
| Temperature range     | -80 to 130°C  |
| Temperature variation | ±0.5°C  |
| Stirring speed        | 60-1000 rpm   |
| Condenser efficiency  | 2% loss of CH <sub>2</sub> Cl <sub>2</sub> after 7 days at reflux |

All J-KEM products can be manufactured to individual customer requirements.

**Please contact us for ordering information**

**Asynt Ltd**

Unit 29 Hall Barn Road Industrial Estate Isleham Cambridgeshire United Kingdom CB7 5RJ  
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## J-KEM Digital Temperature Controllers

Precision Controllers for Research

- Regulate volumes from 100  $\mu$ l to 22L

High Power Temperature Controller

- High current controllers for 22L to 100L

Economy Temperature Controller

- Digital temperature controllers
- PC control and data logging
- Compact size



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