

# NEW REACTOR STATIONS

## HEI-REACT | LAB REACTORS

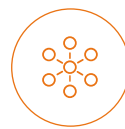
Heidolph's first laboratory reactor, effortlessly guiding you from small-volume discovery to larger-scale reactions.



**Unique Ergonomy**



**Scale without Compromise**



**Unlimited Flexibility**

### SEAMLESS INTEGRATION

WITH HEI-TORQUE

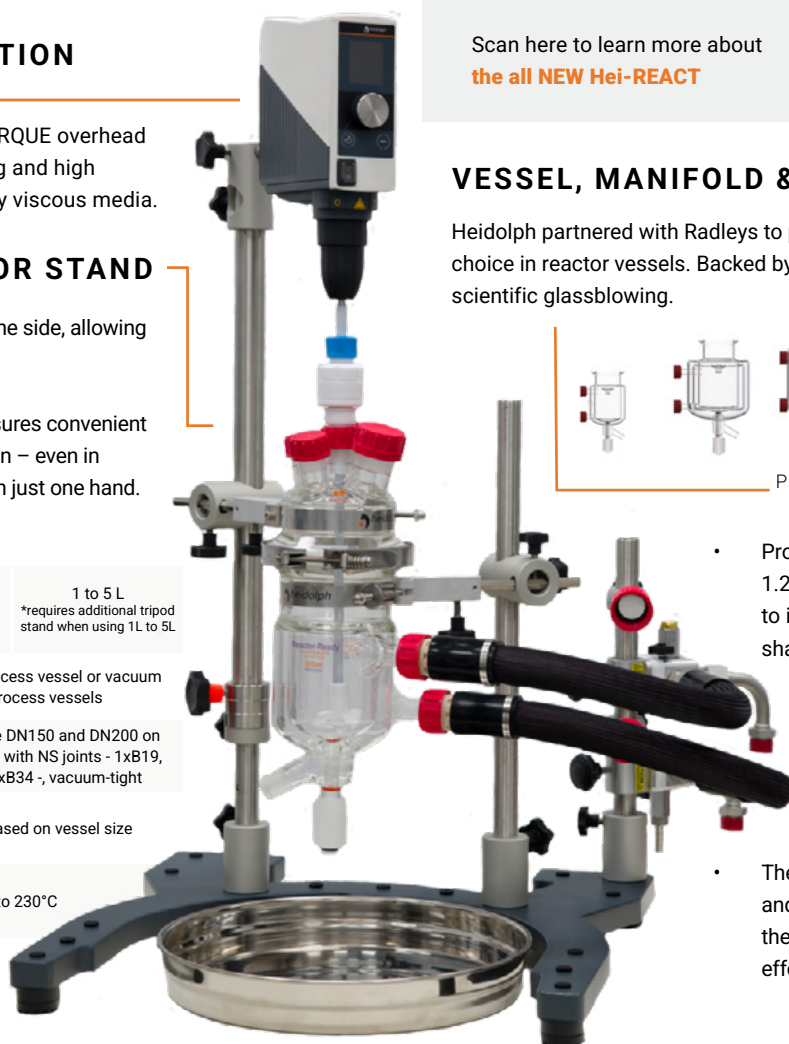
Precise alignment with the Hei-TORQUE overhead stirrer line. Ensures uniform mixing and high process stability – even with highly viscous media.

### INNOVATIVE REACTOR STAND

The stirrer and lid can be swung to the side, allowing easy access to the reaction vessel.

The ergonomic telescopic stand ensures convenient height adjustment and safe operation – even in compact fume hoods and easily with just one hand.

|                                    |                                                                                                                        |                                                                   |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| Vessel Volume Range                | 100 ml to 500 ml                                                                                                       | 1 to 5 L<br>*requires additional tripod stand when using 1L to 5L |
| Vessel Type                        | Single jacketed process vessel or vacuum jacketed process vessels                                                      |                                                                   |
| Lid Size                           | DN100 (flange size DN150 and DN200 on request). 5 neck lid with NS joints - 1xB19, 2xB24, 1xB29, 1xB34 -, vacuum-tight |                                                                   |
| Temperature Probes & Impellers     | Coordinated based on vessel size                                                                                       |                                                                   |
| Thermoregulator/ Vessel Temp Range | -70 to 230°C                                                                                                           |                                                                   |
| Dimension (w x d x h)              | 540 x 538 mm x 1220mm                                                                                                  |                                                                   |



Scan here to learn more about the all NEW Hei-REACT



### VESSEL, MANIFOLD & DRAIN KIT

Heidolph partnered with Radleys to provide the #1 preferred choice in reactor vessels. Backed by more than 50 years of scientific glassblowing.



POWERED BY radleys

- Process vessel geometry with 1.25 to 1 ratio of internal height to internal diameter, with dish shaped base
- PEEK hose couplings allow for tool-free connection and disconnection in seconds.
- The drain-down kit enables fast and controlled draining of the thermal fluid, ensuring clean and effortless vessel exchange



### ONE REACTOR. UNLIMITED CONFIGURATIONS.

Heidolph's modular system adapts to your needs with preconfigured packages. The Hei-REACT Base configuration showcases unlimited modularity—research made easy.

### AUTOMATION & SOFTWARE

Consult with a solutions specialist to review your workflow, including peripherals, and explore automation for more reproducible, reliable results.