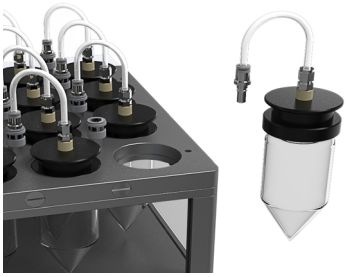
HPE PARALLEL EVAPORATOR

HPE-16B

The concentration of samples is a mandatory step in sample analysis. HAUK's Parallel Evaporators allow for several samples to be simultaneously heated, depressurised and rotated to completely evaporate them or concentrate to a specific volume. Multiple experiments can be run simultaneously. Each of our 4 models are specialised in different ways, making sure that all experimental requirements are covered.

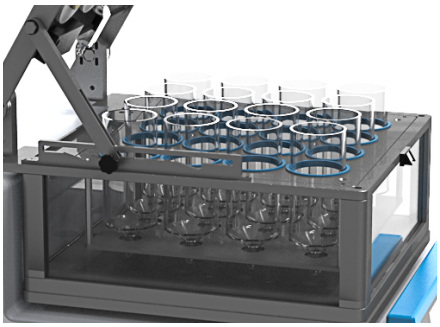
AUTOMATED, HIGH-THROUGHPUT TESTING

Simultaneously run several repeatable experiments with different sizes of test tubes and in-built memory for 6 different settings, increasing experimental efficiency through easier repetitions and flexible enough to cater to specific requirements.



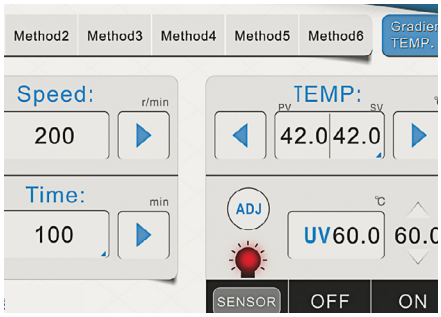
INDEPENDENT SAMPLE CONTROL

Rapid, independent valve switching on our HPE-B series models means any sample can be manipulated in isolation, allowing for multiple experiments with different time restraints to run simultaneously without interruption.



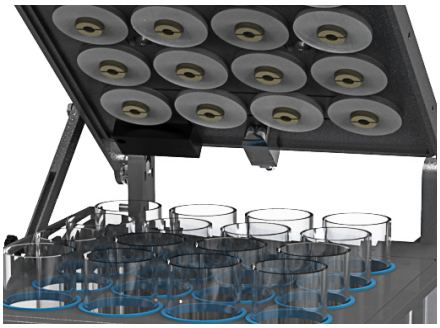
UNOBSTRUCTED VIEW OF SAMPLES

Clear test tubes allow for a full, unobstructed view of each sample. End points for the experiment can be set manually with the timer, or automatically with the concentration quantification function (HPE-A/D series only).



FULL TOUCHSCREEN CONTROLS

Accurately control the temperature, rate of rotation and time of the experiment using our full touch-screen controls, complete with complex temperature gradient settings and experimental data storage.



INDIVIDUAL HEATED COVERS

Each sample is sealed with its own heated cover, enabling continuous solvent evaporation whilst preventing cross-contamination via reflux condensation.

CHOOSE BETWEEN

HPE-B, D, K

HPE-12

HPE series

- Customisable capacity - 6, 12 or 24 samples.
- Interchangeable heating modules.
- Fully transparent design allows for clear observation of experiments.
- Each sample is independently sealed, eliminating cross contamination.
- Covers for each sample can be individually heated, preventing reflux condensation.
- Digital timer function allows experiments to run without supervision.
- Adjustable rotation speed for more precise experiments.

HPE-6K

HPE-K series

- Effectively reduces the samples' volatility during concentration experiments.
- Particularly suitable for low boiling point samples, such as anilines, PAHs and other substances with low recovery rates.
- Customised test tubes eliminates the need for sample transfer.
- Under optimal conditions, the recovery rate can reach over 80%.

HPE-6B

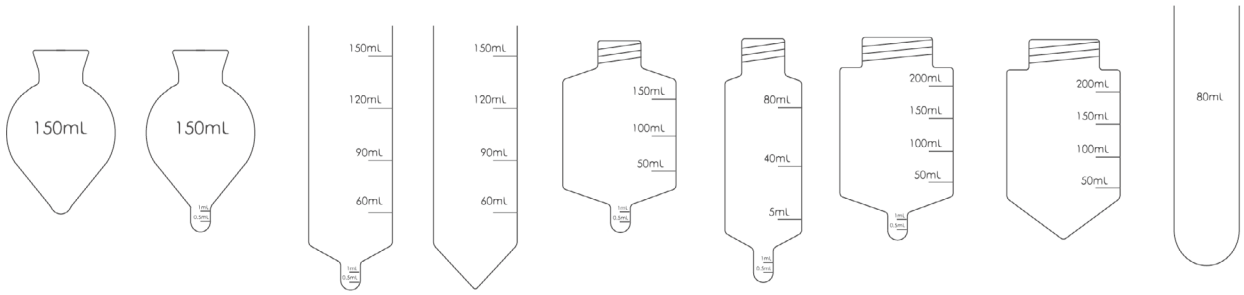
HPE-B series

- 360°, unobstructed view of experiments with our circular, transparent water bath.
- Rapid, independent valve switching allows for the manipulation of any sample in isolation from other samples.
- Compatible with a wide variety of test tubes.

HPE-16D

HPE-D series

- Able to process up to 42 samples with high efficiency and repeatability.
- Large 280mL test tubes suitable for the concentration of samples from a variety of different fields.
- Fully transparent water bath allows for unobstructed view of the experiments.
- Optional automatic volume quantification function (±1mL or ±0.5mL).
- Optional automatic water refill and drainage function.



Compatible with various range of concentrator tubes

Included:

Parallel Evaporator x1, Test Tube Set (various configurations) x1, Rubber Tube (1m) , Power Cable x1, Instruction Manual x1

Series	HPE			HPE-B		HPE-K	HPE-D
Model	HPE-6	HPE-12	HPE-24	HPE-6B	HPE-16B	HPE-6K	HPE-16D
Samples	6	12	24	6	16	6	9/16/42
Volume/test tube (mL)	100/200	150	80	Customisable, graduated test tubes			850/280/80
Temperature Range	Room temp+5°C~95°C (±0.5°C)						
Heating Method	Water Bath Heating						
Heat Cover Temp. Range	Room temp+5°C~70°C (±5°C)						
Rotation Speed	0-500r/min						
Memory capacity	6 presets						
Volume Quantification	-	-	-	-	-	-	✓
Rapid valve switching	-	-	-	✓	✓	✓	-