

## ADVANCED CONCENTRATION SOLUTIONS



## MULTIVAP 10 AUTOMATED CONCENTRATION SOLUTION

The NEW LabTech MultiVap 10 automatic parallel system increases the capacity by 25% in comparison to the MultiVap 8 boosting the lab throughput. The price / performance ratio has further increased. With this system it is possible to evaporate to solid state or concentrate into a fixed end-point volume. A compact solution compared to conventional rotary evaporators, with the possibility to be used outside the fume hood thanks to the integrated vapor evacuation system.



### TECHNICAL FEATURES

- Vortex nitrogen purge to get the highest concentration efficiency. The location and direction of nitrogen purge can be adjusted according to the concentration cup size and sample volume
- Operations are visible through the backlit front window. Sample cups do not need to be handled to check the residual volume
- Concentration chamber including a highly efficient vapour exhausting system
- Built-in digital nitrogen gas regulator to control the nitrogen flow and the evaporation speed
- Automatic detection of the liquid endpoint
- 10 positions supporting 50 & 200 mL concentration cups simultaneously
- 10 infrared sensors for single cup volume control
- Possibility to place the concentration cups in the liquid handler of GPC/SPE directly
- Liquid bath with temperature control range from ambient to 100°C
- Low liquid level and pressure alarms to ensure safe operations
- Touch screen control interface
- Nitrogen requirement: from 2 to 6.8 bar (30 to 100 psi)
- Weight: 25 Kg
- Dimensions: (LxWxH cm)  
44x68x64 (open)  
44x68x33 (closed)
- Power supply voltage: 230V 50/60Hz

#### Included

- N° 10 - 200 mL concentration vials - 1 mL end point
- N° 10 - 50 mL concentration vials - 1 mL end point
- N° 1 - 50 mL rack - 10 positions
- N°1 - 200 mL rack - 10 positions
- N°1 Exhaust fume tube 3 m
- N°1 Electric power cable
- N°10 Plastic vapor stoppers for 50 mL holes
- N°10 Plastic vapor stoppers for 200 mL holes

Ordering information LV-MT10200

### ACCESSORIES

| P / N       | DESCRIPTION                                  | P / N      | DESCRIPTION                                 |
|-------------|--|------------|---|
| MT-C20010   | 200 mL concentration vial - 1 mL end point   | MT-C5010   | 50 mL concentration vial - 1 mL end point   |
| MT-C20005   | 200 mL concentration vial - 0.5 mL end point | MT-C5005   | 50 mL concentration vial - 0.5 mL end point |
| MT-C20000   | 200 mL concentration vial - dry end point    | MT-BC50-10 | Rack for 50 mL vials (10 positions)         |
| MT-BC200-10 | Rack for 200 mL vials (10 positions)         |            |   |