

# THERMOSTAT DRB200 – THE SIMPLE SOLUTION FOR ALL DIGESTIONS



## PRODUCT INFORMATION

- Laboratory analysis
- Dry thermostat
- DRB200
- **For 16 mm cuvettes**

## For standard and special digestions

A digestion step often has to be carried out before key parameters can be determined. For these parameters, the DRB200 thermostat ideally complements the Hach reagents (COD, TOC, Test'N'Tube). Two separately controllable heating blocks enable cuvettes and reaction vessels to be digested at identical or different temperatures and time settings.

The DRB200 has a digital timer with an automatic switch-off and acoustic signal. Two transparent splash protection lids close the thermostat while it is heating. The integrated anti-overheating feature and the insulated external shell provide additional safety.

### Great flexibility

Pre-programmed for all standard digestions and freely programmable for user-specific digestions

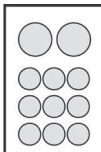
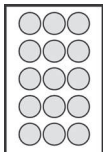
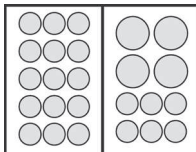
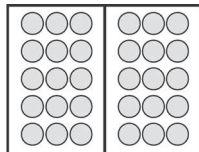
### Simple handling

Large, easily readable display and one-key operation for standard digestions

### Excellent reproducibility

Temperature stability

## Technical Data

| Type                     | DRB200-1                                                                                      |                                                                                   | DRB200-2                                                                           |                                                                                     |
|--------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Order no.                | LTV082.53.30001 (115 VAC)                                                                     | LTV082.53.40001 (115 VAC)                                                         | LTV082.53.42001 (115 VAC)                                                          | LTV082.53.44001 (115 VAC)                                                           |
|                          | LTV082.52.30001 (230 VAC)                                                                     | LTV082.52.40001 (230 VAC)                                                         | LTV082.52.42001 (230 VAC)                                                          | LTV082.52.44001 (230 VAC)                                                           |
| Heating programs         | Pre-programmed for 100 °C, 105 °C, 150 °C, 165 °C and freely selectable 37–150 °C, 1–480 min. |                                                                                   |                                                                                    |                                                                                     |
| Heating rate             | From 20 °C to 150 °C in 10 min.                                                               |                                                                                   |                                                                                    |                                                                                     |
| Temperature stability    | ±1 °C in conformity with EN, ISO, EPA methods                                                 |                                                                                   |                                                                                    |                                                                                     |
| Power input              | 115 V / 300 VA                                                                                |                                                                                   | 115 V / 600 VA                                                                     |                                                                                     |
|                          | 230 V / 450 VA                                                                                |                                                                                   | 230 V / 900 VA                                                                     |                                                                                     |
| Weight                   | 2 kg (4.4 lbs)                                                                                |                                                                                   | 2.8 kg (6.2 lbs)                                                                   |                                                                                     |
| Dimensions               | 250 × 145 × 310 mm (W×H×D)                                                                    |                                                                                   |                                                                                    |                                                                                     |
| Schematic representation |              |  |  |  |
| Number of cuvettes       | 9× 16 mm diameter<br>2× 20 mm diameter                                                        | 15× 16 mm diameter                                                                | 21× 16 mm diameter<br>4× 20 mm diameter                                            | 30× 16 mm diameter                                                                  |



DRB200-1 for 9 cuvettes (16 mm ø)  
and 2 reaction vessels



The DRB200-2 features two separately  
controllable heating blocks

| Applications                                       | Temp. [°C] | Time [min.] |
|----------------------------------------------------|------------|-------------|
| COD                                                | 150        | 120         |
| Total nitrogen                                     | 100 / 105* | 60 / 30     |
| Total phosphorus                                   | 100 / 105* | 60 / 30     |
| Metals (lead, cadmium, copper, iron, nickel, zinc) | 100        | 60          |
| Total chromium                                     | 100        | 60          |
| TOC                                                | 105        | 120         |
| Trihalogenmethane                                  | 100        | 8           |
| User-specific programs                             | 37–150     | 1–480       |

\* Digestion temperature and time depend on the used reagents. Subject to change without notice.

Printed in U.S.A.

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