



HOMEX XS

The HOMEX XS is an automated easy-to-use system for the homogenization of all kinds of tissues without sharp edges. With the HOMEX XS the sample is homogenized and the filtered extract can then be used for analyses such as ELISA, PCR or other analytical applications. It is an efficient, space saving machine with many advantages:

- High efficiency with homogenization of more than 100 samples per hour
- Optimized for BIOREBA extraction bags
- Adjustable rotation speed
- Adjustable homogenization time
- Stop timer function
- Ergonomic handling

| Specifications | |
|-------------------------------|--------------------|
| Sample volume | 0.1 – 1 g |
| Buffer volume | 2 – 5 ml |
| Extraction bags Universal | 120 mm x 150 mm |
| Homogenization time range | 5 – 60 seconds |
| Speed | 500 – 1'000 rpm |
| Overall dimensions | 170 x 190 x 160 mm |
| Weight (without power supply) | 3.7 kg |

Standard time ranges and settings

| Tissue | Time | Speed (max) | Sample volume |
|--|-------------|-------------|---------------|
| Leaves | 10 – 25 sec | 100 % | 0.1 – 1 g |
| Soft sample with high protein content (e.g. beans) | 10 – 25 sec | 50 % | 0.1 – 1 g |
| Fine roots (e. g. grapevine) | 25 – 30 sec | 100 % | 0.1 – 1 g |
| Fleshy tissues; crush first (e.g. garlic, samples from potato tubers) | 20 – 40 sec | 100 % | 0.1 – 1 g |
| Woody samples; pretreated with rubber hammer (e.g. grapevine wood slices) | 40 – 45 sec | 100 % | 0.1 – 0.5 g |

Ordering information

| | |
|--------|---|
| 400008 | <p>HOMEX XS</p> <p>Includes:</p> <p>Power supply (Art. No. 400028)</p> <p>Cable to the power supply (Art. No. 400038)</p> <p>Transparent lid cover for HOMEX XS (Art. No. 400048)</p> <p>25 Extraction bags «Universal» (Art. No. 430100)</p> <p>User guide</p> |
| 430100 | <p>Extraction bags «Universal» (120 mm x 150 mm)</p> <p>Quantity unit: 100</p> |
| 400048 | <p>Transparent lid cover for HOMEX XS</p> <p>Quantity unit: 1</p> |

