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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

| HOMEX XS Specifications | |
|---|--------------------|
| Sample volume | 0.1 – 1 g |
| Buffer volume | 2 – 5 ml * |
| Extraction bags Universal or Universal-U-form | 120 mm x 150 mm |
| Homogenization time range | 5 – 60 seconds |
| Speed | 500 – 1'800 rpm |
| Overall dimensions | 170 x 190 x 160 mm |
| Weight (without power supply) | 3.7 kg |

* max 3 ml for Universal-U-form extraction bags

Standard time ranges and settings

| Tissue | Recommended extraction bags | Time | Speed (max) | Sample volume |
|--|------------------------------|-------------|-------------|---------------|
| Leaves | Universal | 10 - 25 sec | 100 % | 0.1 – 1 g |
| Soft sample with high protein content (e.g. beans) | Universal / Universal-U-form | 10 - 25 sec | 50 % | 0.1 – 1 g |
| Fine roots (e.g. grapevine) | Universal | 25 - 30 sec | 100 % | 0.1 – 1 g |
| Fleshy tissues; crush first (e.g. garlic, samples from potato tubers) | Universal | 20 - 40 sec | 100 % | 0.1 – 1 g |
| Woody samples; pretreat with rubber hammer (e.g. grapevine wood slices) | Universal | 40 - 45 sec | 100 % | 0.1 - 0.5 g |
| Seeds; pre-soak in extraction buffer for 4h (e.g. tomato, cucumber, seeds) | Universal-U-form | 10 - 15 sec | 100 % | 0.1 - 0.5 g |

Ordering information

| | |
|--------|--|
| 400008 | HOMEX XS Includes: Power supply (Art. No. 400028) Cable to the power supply (Art. No. 400038) Transparent lid cover for HOMEX XS (Art. No. 400048) 25 Extraction bags Universal (Art. No. 430100) User guide |
| 430100 | Extraction bags Universal (120 mm x 150 mm) Quantity unit: 100 |
| 480100 | Extraction bags Universal-U-form (120 mm x 150 mm) Quantity unit: 100 |
| 400048 | Transparent lid cover for HOMEX XS Quantity unit: 1 |

