



## 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 BIORREBA 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 – 1'000 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

