

# Universal Laboratory Sifter.

MLUA



# Universal Laboratory Sifter.

## For milling and brewery applications.



Laboratory sifter for milling applications



Laboratory sifter for brewery applications according to EBC & MEBAK guidelines

**The Bühler MLUA laboratory sifter has been designed for quick and easy particle size determination of intermediate and end products in grain mills and breweries.**

This laboratory sifter supplies reliable and reproducible analysis results for monitoring the quality of roller mills and hammer mills. The unit is applied for process fine-tuning and assurance of end product quality.

The laboratory sifter is of modular design, easy to use and clean. It consists of a rugged housing with integrated drive, a control unit, stainless steel sieve sets, and an easy-to-use sieve tensioning device. Three speeds can be selected, and the sieving time can be set as required.

Standard sieve sets are available for milling and brewery applications. Customized sieve sets are available upon request.

### Your benefits

- Quick and easy particle size determination
- Selection of any required sieve and bottom frame configurations
- Secure sieve clamping with easy-to-use tensioning device
- Fulfills EBC and MEBAK brewery guidelines

# Standard Milling and Brewery Sieve Sets.

## The suitable sieve at all times.



Standard sieve set for milling applications



Standard sieve set for brewery applications according to MEBAK and EBC

Standard sieve sets are available for break stocks, flour, semolina, and grits. Additional mesh sizes are available upon request. The sieve configuration can be selected as required. The sieves are cleaned off by a chain. In all, 12 sieves or collection trays fit the laboratory sifter.

A standard sieve set is available for detailed analysis of roller mill and hammer mill grists. The sieves are cleaned off by balls or cubes. In all, 6 sieves or collection trays fit the laboratory sifter.

### Sieve sets

	Sieve sets for milling applications Sieve diameter 260 mm						Sieve set for brewery applications Sieve diameter 260 mm		
No. of sieves	Flour and break stocks		Semolina		Corn/maize grits and semolina		Grist (acc. to MEBAK; EBC)		
	Mesh width mm	Wire gauge mm	Mesh width mm	Wire gauge mm	Mesh width mm	Wire gauge mm	Mesh width mm	Wire gauge mm	
1	1.400	0.400	1.120	0.315	6.300	1.250	1.250	0.800	
2	1.120	0.315	1.120	0.315	5.600	1.250	1.000	0.630	
3	1.120	0.315	0.800	0.250	4.750	1.120	0.500	0.315	
4	0.710	0.200	0.710	0.200	4.000	1.000	0.250	0.160	
5	0.500	0.160	0.630	0.160	3.350	0.800	0.125	0.080	
6	0.355	0.125	0.500	0.160	2.800	0.500			
7	0.250	0.100	0.400	0.125	1.900	0.500			
8	0.180	0.080	0.355	0.125	1.400	0.400			
9	0.125	0.071	0.315	0.100	1.000	0.315			
10	0.090	0.050	0.200	0.090	0.800	0.250			
11	0.063	0.050	0.125	0.071	0.710	0.200			
12					0.630	0.160			
13					0.500	0.160			
14					0.400	0.125			
15					0.315	0.100			
	Including 6 collection trays		Including 2 collection trays		Including 2 collection trays		Including 1 collection tray		

# Universal Laboratory Sifter.

## Constant sifting time.



Laboratory sifter for milling applications



Laboratory sifter for brewery applications according to EBC & MEBAK guidelines



Easy operation

- Three possible speeds: 160/260/300 rpm
- Sifting time adjustable from 1–15 minutes with automatic stop
- Audible signal when sifting has finished
- The analyses for brewery applications are typically performed at a speed of 300 rpm and a sifting time of 5 minutes.

### Technical data

	Speed min <sup>-1</sup>	Sifting time min	Electric connection VAC/Hz		Dimensions mm			Approx. weights kg			Volume sea freight m <sup>3</sup>
					Length	Width	Height	Net	Air freight	Sea freight	
Milling Version	160 / 260 / 300	1–15	110 / 60	230 / 50	530	580	650	75	108	128	0.46
Brewery Version							490	70	90	110	

# Order form.

## Customer address

Company
Contact
Address
Post code / Place
Country
Phone
E-Mail

## Orders

Bühler AG  
 Grain Processing Customer Service  
 CH-9240 Uzwil, Switzerland  
 T +41 71 955 30 40  
 F +41 71 955 33 05  
 service.gp@buhlergroup.com

### Local Bühler agent

## Specifications

Description		Required configuration
Laboratory sifter	Operating voltage	<input type="checkbox"/> 230 V / 50 Hz <input type="checkbox"/> 110 V / 60 Hz
Power supply	2 m power supply cable with plug	<input type="checkbox"/> CH <input type="checkbox"/> SCHUKO <input type="checkbox"/> GB <input type="checkbox"/> US & JAPAN <input type="checkbox"/> CN <input type="checkbox"/> No plug
Standard sieve sets	Complete sieve set	<input type="checkbox"/> Flour and break stocks <input type="checkbox"/> Semolina <input type="checkbox"/> Corn/maize grits and semolina <input type="checkbox"/> Grist (Brewery; MEBAK, EBC)

## Additional material for Milling

Collection tray		_____ pces.
Empty sieve rings with chain (for covering by customer)		_____ pces.
Individual sieves		Upon request, specifying mesh width and wire gauge

Bühler AG  
CH-9240 Uzwil, Switzerland  
T +41 71 955 11 11  
F +41 71 955 66 11  
[www.buhlergroup.com](http://www.buhlergroup.com)

