

# Laboratory Mill

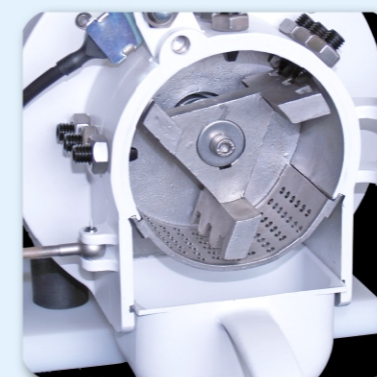
The SpectraAlyzer laboratory mill is a hammer mill which grinds by means of high speed rotating steel hammers. An interchangeable sieve is installed in the circumference of the mill body through which the ground sample leaves the grinding chamber. It is used to disintegrate grains, pellets, presscakes, feed products and oil seeds as well as oil fruits that shall be analysed with the SpectraAlyzer NIR instruments. The particle size distribution of the the ground sample can be adjusted by selecting different sieves that are avialbe as accessories. Principally hammer mills are used to provide a fine and homogeneous sample. ZEUTEC's laboratory hammer mill expels more than 300 g of ground sample per minute.

- for grains, pellets, presscakes, feed products and oil seeds as well as oil fruits
- fine and homogeneous sample preparation
- robust stainless steel mill body, rotor and sieve
- large milling capacity
- automated and fast timer controlled milling operation
- safe operation - intrinsically triggered shut down when door sensor detects "door open" status
- easy to disassemble and clean

## SpectraAlyzer



**ZEUTEC**  
OPTO-ELEKTRONIK GmbH  
[www.zeutec.de](http://www.zeutec.de)



## Accessories

The laboratory mill can be equipped with sieves that have different bore diameters, producing different particle size distributions of the milled samples. When used for milling of grains, pellets and feed products a sieve with bore diameters of  $\leq 2$  mm is recommended. In order to produce a very small particle size, mill sieves down to 0.8 mm bore diameters are available as accessories. For oil fruits e.g. olives a sieve with bore diameters of 4 mm is recommended.

### Scope of supply:

- Laboratory Mill with sieve (specify size on order)
- Handbook

## Technical Data

Supply Voltage: 230 V, 50 Hz / 115 V, 60 Hz

Electric Drive: 1.2 kW, 3000 rpm

Milling Capacity: > 300 g/min

Height: 320 mm, Width: 420 mm, Depth: 490 mm

Weight: 23.7 kg

Protection: IP 52

### Order No.:

Laboratory Mill 230 V version  
10270

Laboratory Mill 115 V version  
10280

Sieve 4.0 mm  
10290

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