

# Universal Laboratory Mill - ULD



## Overview

The versatile Universal Laboratory Mill from Bauermeister allows maximum grinding flexibility from coarse to ultra-fine particle size reduction. The size of the ULD allows for accurate testing before large scale production runs and actual production runs for products requiring below 50 lbs/hr, such as cosmetics, pharmaceuticals and personal care products. With interchangeable grinding elements, the Universal Mill is suitable for the vast majority of soft to medium-hard material grinding applications.

## Key Features

- Grinding ability to the 325 mesh (44 micron) range and below.
- Self contained grinding plant including feeder, mill, filter, collection and controls.
- Constructed of stainless steel.
- Cryogenic grinding.

## Technical Data

- Connected load: 1.1 kW
- Rotor Diameter: 5 inches
- Speed: up to approx 18,000 rpm

## Optional Grinding Elements



**Sieve Ring Assembly**  
With Ring Sieve.



**Jaw Assembly**  
With 3 Grinding Jaws  
and 3 Sieve Plates.



**Turbo Rotor**  
For efficient grinding  
to a high degree of  
fineness.



**Pin Rotor**  
For fine grinding of  
materials with high  
fat content.



**Cross Beater Rotor**  
For coarse to medium-  
fine grinding.



**Pinned Disc Rotor**  
For coarse grinding of  
materials with hard or  
large particles.

## Typical Applications

- Borax
- Cosmetics
- Dextrose
- Fertilizers
- Flours
- Gelatin
- Gypsum
- Herbs/Vegetables
- Kaolin
- Lactose
- Pharmaceuticals
- Pigments
- Plastic
- Resins
- Soy Protein
- Spices
- Starch
- Sugar
- Talc

