



(Clockwise) A). EPO-EASE™ Epoxy Dispensing Systems. B). Setting the volume regulator allows consistent dispensing of a given volume of epoxy. Viewing port enables operator to easily check the amount of epoxy in the system and to determine the refill time. C). The EPO-EASE Static Mixer kit accessory, 20-1260, automatically mixes the epoxy upon dispensing. Especially designed for high volume applications, this mixer allows mixing and dispensing into the sample mold.

BUEHLER® EPO-EASE™ EPOXY DISPENSING SYSTEM

- Increases Productivity and Sample Consistency by Accurately Dispensing Epoxies to Correct Ratio
- Adjustable Dispensing Volume Reduces Epoxy Waste for Improved Economy
- Easy to Use, One Stroke Delivery for Most Mold Sizes Up to 1½" (40mm)
- For High Volume Applications, Accessory Static Mixer Kit Improves Productivity by Dispensing Mixed Epoxy

EPO-EASE™ Epoxy Dispensing System

Do you remember the age when one had to pour epoxy resins and hardeners manually, with all that tedious weighing? Well, that is history! The EPO-EASE™ Epoxy Dispensing System automatically dispenses epoxy media to the correct proportions with the press of a lever.

The EPO-EASE Epoxy Dispensing System is specially designed for *productivity, sample consistency, convenience and economy*. The EPO-EASE is recommended for analysts who wish to improve cleanliness, to minimize operator exposure to epoxy compounds, or who are doing repetitive dispensing.

After adding the resin and hardener to their corresponding reservoirs, the EPO-EASE conveniently dispenses the correct ratio of epoxy resin to hardener every time. Thus, one can take the time normally used to measure the correct epoxy proportions to do something more productive.

The EPO-EASE conveniently allows the operator to select the desired dispensing volume for the application, thus minimizing material waste and reducing costs. Sample consistency is increased by eliminating uncured mounts due to inaccurate weighing, especially in multiple user environments. For laboratories with repetitive, high volume requirements, BUEHLER® recommends the accessory Static Mixer Kit™. The Static Mixer Kit converts the EPO-EASE into a *dispensing and mixing system*. The inexpensive mixer nozzles are easily replaced between usage and provide for dispensing directly into sample molds.

The EPO-EASE is specially designed to accommodate BUEHLER's proprietary epoxy mounting compounds.

20-1250 EPO-EASE Epoxy Dispensing System for EPOXIDE®, EPO-KWICK® and EPO-COLOR™ Epoxies. Include dispenser unit, 1 gallon (3.8 l) resin reservoir, 1 quart (0.95 l) hardener reservoir and dispensing tubes.

20-1251 EPO-EASE Epoxy Dispensing System for EPO-THIN Epoxy. Include dispenser unit, 1 gallon (3.8 l) resin reservoir, 2 quarts (1.9 l) hardener reservoir and dispensing tubes.

Additional Accessories:

20-1260 Static Mixer Kit, for use with EPO-EASE Systems 20-1250 and 20-1251. Automatically mix epoxies upon dispensing. Recommended for high volume users.

20-1261 Static Mixer Nozzles, replacement nozzles, for the use with 20-1260. (5 per package).

BUEHLER continuously makes product improvements; therefore technical specifications are subject to change without notice.



EPO-EASE is compatible with all BUEHLER epoxies and accessories. See the BUEHLER consumable catalog for a full listing of castable (cold) mounting accessories.

Epoxy Mounting Compound — EPO-EASE™ Dispenser Selection Guide

Type of Epoxy	Part Number	Properties	EPO-EASE Dispenser
Epoxide Resin Hardener	20-8130-128 20-8132-032	Multi-purpose epoxy	20-1250
EPO-KWICK® Resin & Hardener	20-8129	Fast cure epoxy	20-1250
EPO-COLOR™ Resin Hardener	20-8143-032 20-8144-008	Dye enhanced epoxy	20-1250
EPO-THIN® Resin Hardener	20-8140-128 20-8142-064	Low viscosity	20-1251

Castable (Cold) Mounting Accessories

Part Number	Product
20-8180	SAMPL-KUPS®
20-8181 20-8182 20-8183 20-8184	Reusable rubber mounting cups: 1" (25mm) size 1¼" (32mm) size 1½" (38mm) size 2" (50mm) size
20-4000-100	SAMPL-KLIP®
20-4100-100	SAMPL-KLIP® 1
20-5100-100	UNICLIP Specimen Support Clips
20-8185-002	Release Agent

Dimensions:

Model 20-1250:

12.5"(W) x 7.5"(D) x 16.6"(H)
318mm x 191mm x 423mm

Model 20-1251:

15"(W) x 7.5"(D) x 16.6"(H)
381mm x 191mm x 423mm

