

Technical Specifications

Operation

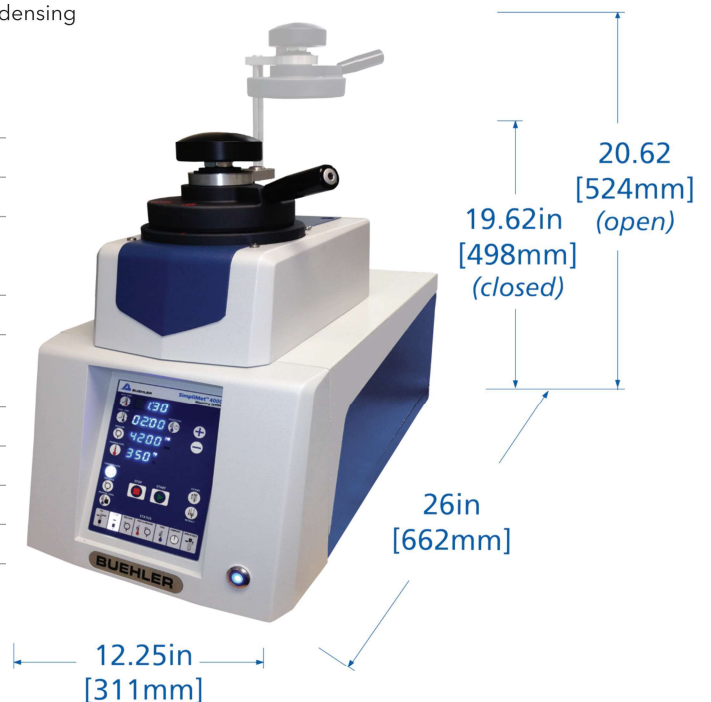
Press Operation	Automatic Electrohydraulic
Mounting Mold Sizes	English: 1", 1.25", 1.5" Metric: 25mm, 30mm, 40mm, 50 mm

Mounting Parameters

Pressure	1000 - 4400 psi (70 - 300 bars) operational pressure range +/- 10% Adjustable in 50 psi (5 bar) increments Preload pressure function applies gradual pressure for delicate specimens 350 psi (24bar)
Heat Time	User Selectable time from 1-20 minutes Adjustable in 10 second increments
Heating Temperature	120° F - 420° F (50°C - 220°C) operation temperature range Adjustable in 10° F (5°C) increments
Heating Power	1500 Watt @115VAC / 1900 Watts @230VAC
Cooling Time	User Selectable or Smart Cool User Selectable time from 1-30 minutes Adjustable in 10 second increments Smart Cool Intelligent cooling system automatically cools until sample temperature reaches 40C
Thermoplastic Function	Automatically sets correct parameters for thermoplastic resins such as TransOptic™ and cools the mount in a controlled, linear fashion appropriate for the mounting media
Noise Level max	62 dB maximum at 1 meter from the front of the machine, while raising and lowering the ram with the mold closure open
Working Environment	Temperature: 41° F to 104° F / 5° C to 40° C Humidity: 30-90% humidity, non-condensing

Electrical

Voltage/Frequency	85-264VAC, 50/60Hz 1 phase
Water inlet	1/4" OD tubing or 3/8" OD tubing
Water Outlet	Drain: 1/4" ID x 1/2" OD hose Vent: 1/4" ID x 1/2" OD hose
Length	26.00" 660 mm
Length from rear of machine to front feet	21.25" 540 mm
Width	12.25" 311 mm
Height Closed	19.62" 498 mm
Height Open	20.62" 524 mm
Weight	120 lbs 54 kg
Compliance	CE, PSE, RoHS, WEEE



Approx. Weight: 120 lbs [54kg]