

Cylindrical Lab Electric Heating Press Mold For Laboratory Use

Item Number: PMH



Introduction

KINTEK's Cylindrical Electric Heating Press Mold offers rapid heating (up to 500°C), precise control, and customizable sizes for lab sample preparation. Ideal for battery, ceramic, and material research.

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Press the shape of the sample	
Heatingtemperature	Room temperature-300.0C (Models up to 500°C available)
Material of lint	Alloy tool steel:440C
indenter hardness	HRC60-HRC62
Sample size	Φ10, Φ13, Φ15, Φ20, Φ30, Φ40mm (Customizable)
Depth ofcavity	40mm(N)
External dimansions	Φ78*138mm, Φ90*138mm(L**H)
Power supply	300 W (220V/110V can be customized)
Mold weight	Approximately 9kg

Dimensional diagram

Mold pressure [Mpa]	50	100	300	400	600	800	1000	1200	1500
Φ8 T	0.25	0.5	1.5	2.01	3.01	4.02	5.02	6.03	7.53
Φ10 T	0.39	0.78	2.35	3.14	4.71	6.28	7.85	9.42	11.7
Φ12 T	0.56	1.13	3.39	4.52	6.78	9.04	11.3	13.5	16.9
Φ13 T	0.66	1.32	3.98	5.3	7.96	10.6	13.2	15.9	19.9
Φ15 T	0.88	1.76	5.3	7.06	10.6	14.1	17.6	21.2	26.5
Φ20 T	1.57	3.14	9.42	12.5	18.8	25.1	31.4	37.6	47.1