

# Cylindrical Lab Electric Heating Press Mold For Laboratory Applications

Item Number: PMH



## Introduction

Efficiently prepare samples with Cylindrical Lab Electric Heating Press Mold. Fast heating, high temp & easy operation. Custom sizes available. Perfect for battery, ceramic & biochemical research.

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|                               |                                    |
|-------------------------------|------------------------------------|
| Press the shape of the sample |                                    |
| Heating temperature           | Room temperature-300.0C            |
| Material of lint              | Alloy tool steel:440C              |
| indenter hardness             | HRC60-HRC62                        |
| Sample size                   | Φ10Φ13Φ15Φ20Φ30Φ40mm(M)            |
| Depth ofcavity                | 40mm(N)                            |
| External dimansions           | Φ78X138mmΦ90X138mm(LXH)            |
| 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 |