

TESTING MOLD FOR COMPACTION DENSITY



► Background

Compaction density test mold is a key accessory for measuring the powder compaction density. At present, 13mm diameter stainless steel molds are mostly used in the lithium-ion battery industry to test the compaction density. In practical applications, it is found that stainless steel molds provided by different manufacturers have many problems in the test of some positive materials, such as difficult to demould, poor coaxiality, easy to wear, etc., of which demoulding is a key factor affecting the overall service life of the mold, while coaxiality and mold wear directly affects the repeatability and consistency of compaction density, so it is very necessary to design and manufacture high wear resistance mold, combined with demoulding system.

► Customizable Creative Solutions

In order to solve the current problems during the compaction density testing, our company, designs and manufactures an alternative compaction density testing mold based on high strength and high wear resistant materials, and provides a demoulding system to protect the mold. At the same time, the service life of the mold is improved; in order to further meet the precise needs of users, our company can also provide customized services for compaction density testing molds, which can be adapted to multi-party compaction density testing equipment, to solve your test exception problem in an all-round way!



Testing Mold



Demoulding Meter

Mold parameters

Mold model	Standard PCD-Device-13/16
Mold diameter (optional)	Standard 13mm/16mm
Test pressure	Standard ≤ 350 MPa

Note: The mold size can be customized and the mold material can be selected.

Note: IEST is committed to continuous improvement of products. IEST reserves the right to alter the specifications of its products without notice.



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