

耐衝擊試驗機

Type: Basic Pendulum Impact Tester

Company: Dynisco

Model: BPI

一、測試目的：

由衝擊試驗(impact testing)了解材料之耐衝擊強度。

二、樣品準備須知及注意事項：

1.本機型為 Izod-Type 試驗機。

2.試片之準備(Test Specimen)：

試片規格: ISO 180 Type 1, ASTM D 256, ASTM D 1822, ASTM D
6110

並配合切割機(Auto Sample Notcher, ASN)製作試片。

3.Energy ranges：2.7 J to 21.7 J (2 to 16 ft. lb) (目前為 2.7 J)。

4.Resolution：0.025 J (2.7 J)。

三、限制：

只適合固體試樣

四、使用方法：

1.系內使用以登記申請，由專責技術員指導自行分析為原則。

2.系外單位申請，須經登記申請，並經系主任及負責老師同意後，始
可測試。

五、負責老師：葉旻鑫

Basic Pendulum Impact Tester

Model: Dynisco BPI

I. Purpose:

To characterize impact strength of materials.

II. Sample preparation instructions and precautions:

1. Model: Izod-type of testing machine.

2. Specimen preparation:

Specifications: ISO 180 Type 1, ASTM D 256, ASTM D 1822, ASTM D 6110

(A cutting machine (Auto Sample Notcher, ASN) is available for flue preparation of sample specimens.)

3. Energy ranges: 2.7 J to 21.7 J (2 to 16 ft. Lb) (currently 2.7 J).

4. Resolution: 0.025 J (2.7 J).

III. Restrictions:

Only for solid samples.

IV. Application:

1. Registration for application in advance is required. Users are required to operate the instrument themselves.

2. For users outside the department application should be signed by the chairman of the Chemical Engineering Department and the professor-in-charge for the equipment.

V. Professor-In-Charge: Min-Hsin Yeh (葉旻鑫)