



Hand-Operated  
Sample Ejector

## **General**

This equipment is designed to remove samples from molds and tubes and consists of the following main components:

- A frame consisting of bottom channel, uprights and top casting.
- A hydraulic jack with handle.
- A plastic plate with collar.
- A set of 4 ejection disks and 3 ejection rings.

An ejection force of up to 3 tons can be applied with the hydraulic jack allowing for rapid removal of samples with minimum damage.

## **Operation**

Place and attach the proper size ejection disc for the mold or tube onto the jack piston rod and insert the matching ejection ring into the top casting using the key notches to retain it by twisting approximately 30 degrees.

Place the mold with sample into the disk and raise the jack to bring the mold into engagement with the top ring. Continue applying force by operating the jack handle to push the sample from the mold.

## **Maintenance**

Inspect the oil fill hole and maintain oil level to the bottom of the screw hole with jack in the upright position. Use hydraulic jack oil available in local auto supply stores



## Warranty

Humboldt Mfg. Co. warrants its products to be free from defects in material or workmanship. The exclusive remedy for this warranty is Humboldt Mfg. Co., factory replacement of any part or parts of such product, for the warranty of this product please refer to Humboldt Mfg. Co. catalog on Terms and Conditions of Sale. The purchaser is responsible for the transportation charges. Humboldt Mfg. Co. shall not be responsible under this warranty if the goods have been improperly maintained, installed, operated or the goods have been altered or modified so as to adversely affect the operation, use performance or durability or so as to change their intended use. The Humboldt Mfg. Co. liability under the warranty contained in this clause is limited to the repair or replacement of defective goods and making good, defective workmanship.

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