

# ***POLYMERTEST***

Tr.T.Bati 299 , 764 22 Zlin

## **DELIVERY OFFER**

Device for resilience assignation of polymeric materials  
according CSN EN ISO 8337 and K 6400:1997



### 1. Test principle

Steel ball impinge upon the testing body from some high and the rebounding high is measured.

### 2. Testing device description

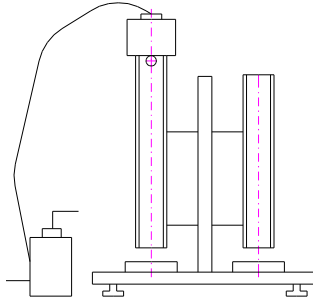
Device consist of base on what is testing body laid and of two rolls – rebounding high 500 mm and 476 mm. To the roll top is laid electromagnets, what holds steel ball.

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Device schema



### 3. Testing process

- a) Staff choose the roll (according the test, what it wants to do) and lays the testing body under it.
- b) Switch in the electromagnet, place to it the ball and lays the magnet to the top of particular roll.
- c) By the switch of electromagnet unfasten the ball and watch the ball rebounding high from the testing body.

### 4. Technical data

Impact high of the ball	500 mm or 476 mm $\pm$ 0,5 mm
The roll diameter	40 mm $\pm$ 10 mm
The steel ball size	16 mm $\pm$ 0,5 mm
The steel ball weigh	16 g $\pm$ 0,5 g
Scale division	each 1% and after 5% extended guideline