

**Product Name :**  
Universal Hardness Testing Machine

**Product Code :**  
TN174



**Description :**

Universal Hardness Testing Machine

**Technical Specification :**

Industrial instrument specifications

Dead weight load combinations up to 187.5 kg

Setting of hardness tolerance and statistics ( $\bar{x}$  and R), for a range of experiments

Integral microscope with measuring shutters and push button for transfer of dimensional data

Simple operation including:

Automatic load application and removal

Diagonal value transfer at the touch of a button

Automatic evaluation of hardness value

Specifications:

Screen display of hardness value and scale with 0.1 unit resolution

Built-in x50 total magnification

Variable test sequence timing from 1 to 50 s

Multiple loads available

Vickers: 3, 5, 10, 30 and 100 kgf

Brinell: 5, 10, 30, 62.5 and 187.5 kgf

Rockwell: 10, 60, 100 and 150 kgf

Electrical Supply: 3 A single-phase, 240/120 V switchable

Standard Accessories Included

Specimen support tables

Indenters:

Vickers diamond pyramid  
Hard metal ball, dia. 2.5 mm  
Hard metal ball, dia. 1 mm  
Hard metal ball, dia. 1/16"  
Rockwell diamond cone

## Naugralabequipments

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