# **RASN**-TSFA/**RAST**zTSFA/**RASNB**-TSFA

EKLAVYA
TECHNO SOLUTIONS

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| | |
|---|---|
| **Series : RASN-TSFA** | Fully Automatic Touch Screen Rockwell Hardness Tester |
| **RAST-TSFA** | Fully Automatic Touch Screen Rockwell Cum Superficial Hardness Tester |
| **RASB-TSFA** | Fully Automatic Touch Screen Rockwell Cum Brinell Hardness Tester |

With Built in Thermal Printer

PC Software

USB Connectivity

## Features :

**1.High Precision Digital Display:** The TSFA Series offers a digital Rockwell scale with clear readability, ensuring precise hardness measurements in 0.1 Rockwell units for unmatched accuracy.

**2.User-Friendly Interface:** Designed for simplicity, the digital panel provides easy navigation and efficient operation. Parameters such as dwell time, load application, and test limits are effortlessly adjustable.

**3.Versatile Testing Capability:** The TSFA Series accommodates a wide range of materials and scales with consistent results. Its manual operation ensures durability and control for professionals.

**4.Data Storage & Connectivity:** Test results, including date, time, hardness value, and scale, are stored securely and can be exported in CSV format via USB for seamless data management.

# Rockwell Hardness Testing Machines

Series : RASN-D/TS

## Standard Accessories :

| Model | RASN-TSFA | RASNT-TSFA | RASNB-TSFA |
|---|---|---|---|
| Testing table 50mm dia | 1 | 1 | 1 |
| Testing table 38mm dia with "V" groove for round jobs 6-45 mm dia. | 1 | 1 | 1 |
| Diamond indenter - Rockwell RA | 1 | - | 1 |
| Diamond indenter - Rockwell SF | - | 1 | - |
| Ball Indentor 1/16" | 1 | 1 | 1 |
| Ball Indentor 2.5 mm. | - | - | 1 |
| Test block Rockwell "C" | 1 | 1 | 1 |
| Test block Rockwell "B" | 1 | 1 | 1 |
| Test block HBW 2.5/187.5 | - | - | 1 |
| Test block HR 30 N | - | 1 | - |
| Allen Spanners | 5 | 5 | 5 |
| Screw Driver | 1 | 1 | 1 |
| Clamping device | 1 | 1 | 1 |
| Telescopic sleeves for elevating screw position | 1 set | 1 set | 1 set |
| Spare fuse 1 AMP | 1 | 1 | 1 |
| Power cable | 1 | 1 | 1 |
| Brinell microscope | - | - | 1 |
| Machine cover | 1 | 1 | 1 |
| Instruction Manual | 1 | 1 | 1 |

## Technical Specifications :

| Model | RASN-TSFA | RASNT-TSFA | RASNT-TSFA |
|---|---|---|---|
| Major Load | 588.4, 980.7, 1471 N<br>(60,100, 150) kgf | 147.1, 294.2, 441.3, 588.4, 980.7, 1471 N<br>(15,30,45,60, 100,150) kgf | 588.4, 980.7, 1471,1839, 2452 N<br>(60,100,150, 187.5,250) kgf |
| Minor Load | 98.7 N<br>(10) kgf | 29.42, 98.07 N<br>(3, 10) kgf | 98.07 N<br>(10) kgf |
| Max Test height (mm) | 295 | 295 | 295 |
| Depth of throat (mm) | 148 | 148 | 148 |
| Net Wt. Approx. (kg) | 80 | 85 | 85 |
| M/c dimensions (mm) | L-650<br>W-250<br>H-700 | L-650<br>W-250<br>H-700 | L-650<br>W-250<br>H-700 |
| Resolution | 0.1 Rockwell | 0.1 Rockwell | 0.1 Rockwell |
| Test Force Selection | Automatic | Automatic | Automatic |

Note : For Brinell scale - manually select (187.5 or 250 kgf) with respected ball indentor. At that time take reference of set point only, apply the load, then measure the impression diameter by Brinell microscope only. (No Brinell scale display on screen).

5mm step inserts. ● Jack rest for long and heavy jobs ● PC Software.

Due to constant Research & Development, Specifications and Features are subject to change without notice.

# Digital & Touch Screen Computerized Rockwell Hardness Testing Machine

# RASN-D

# RASN-TSFA

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