



Robust and dependable Brinell hardness testing

Duramin-3000 is single task Brinell tester. Entry level model, designed to withstand the production environment. The machine is designed to handle different sample sizes and shapes. The indent evaluation is carried out with a handheld camera.

- Dedicated Brinell tester
- Wide load range: 62.5-3000 kgf
- Robust load-cell based Brinell tester
- Handheld zoom camera for automatic indent evaluation
- Embedded PC, operated by mouse or touch screen
- Includes measurement templates, statistics and reporting functions

Technical data



Duramin-3000

LOADS AND APPLICATIONS

| | |
|-------------------------|---------------------|
| Load range (main loads) | 62.5 kgf - 3000 kgf |
| Vickers capability | No |
| Knoop capability | No |
| Brinell capability | Yes |
| Rockwell capability | No |
| HVT/HBT | No |

ANVILS AND TURRETS

| | |
|------------------------|--------|
| Anvil size (mm) | Ø 200 |
| Vertical capacity (mm) | 130 |
| Throat depth (mm) | 215 |
| Turret positions | 1 |
| Machine weight | 130 kg |

CAMERAS AND OPTICS

| | |
|------------------------------|-------------------------------|
| Evaluation camera resolution | 5 MP |
| Indent evaluation | Automatic via handheld camera |

SOFTWARE AND MODULES

| | |
|-------------|-----|
| Statistics | Yes |
| Data export | Yes |

INTERFACES AND CONNECTIVITY

| | |
|---------------------|---|
| Operation | Embedded Windows 7 PC with 6.5" touch screen. Mouse and keyboard operation is optional. |
| Communication Ports | RJ45, WLAN, USB; RS232 |
| WiFi | Yes |
| Blue tooth | Optional |

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