



The Series **DTB** Brinell hardness tester significantly improves productivity

The industry standard for accuracy and repeatability



▲ Analog model
DTB-500, 600N testers

DT&T technology guarantees Brinell results you can trust

- DTB Series의 Brinell hardness tester는 Digital과 Analog로 분류되며, 한층 더 Up-grade 된 Model로서 정확한 경도 측정에 적합한 기기이다.
- Automatic 방식의 DTB-800A는 주문형이며, AC Servo motor 및 Computer system에 의해 구동되며, Semi-auto 방식의 DTB-600N은 DC Pump motor에 의해 구동되며, Manual 방식의 DTB-500은 수동 Pump에 의하여 구동된다.
- 적용된 규격은 ISO 4498-1, ISO 6506-2 ISO 17025 적용시켜 세계화를 확보하였으며, 시험실은 물론이고 생산라인에도 설치되어 폭 넓은 산업분야에서 사용됨으로 정밀성과 신뢰성을 모두 갖춘 Brinell hardness tester 이다.

DTB-600N Model Functions :

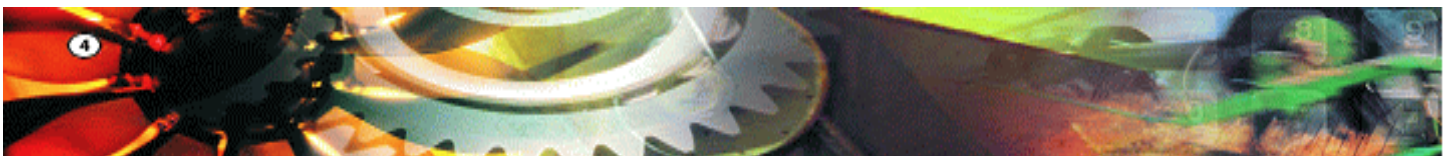
- Force displays dial gauge
- Key switch touch type
- One touch loading system
- Loads changeable with manual
- Timer setting
- Easy operation permits high accuracy Brinell hardness testing (common)
- Suitable for testing molded or forged materials (common)
- Brinell value with scope

DTB-500 Model Functions :

- Force displays dial gauge
- Loads changeable with manual
- Manually operated
- Brinell value with scope

Warranty :

- One-year warranty on part and labor with **DT&T**



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Ergonomic design makes the DTR-600N Brinell hardness tester a marvel of simplicity and efficiency



DTB-800A
(Full automatic measuring system for Brinell hardness)

DT&T Instruments Brinell DTB Series

800A Digital and 500 & 600N Analog Tester for Regular

Technical Specifications

Model	DTB-500	DTB-600N
Vertical Capacity / Throat Depth	105 mm (4.1 in) / 165 mm (6.5 in)	
Test force range	500 kgf ~ 3,000 kgf (4906 ~ 24,920 N)	
Test force Setting	By weight exchange	
Readout	Brinell value with scope	
Carbide ball indenter	Φ5 mm and Φ10 mm	
Load control	Manual	One touch load
Standards Compliance / Accuracy	Exceeds ASTM E-1 and ISO 17025	
Standards Accessories	Flat anvil(Φ80), V-anvil(Φ65), Scope	
Power Supply	N/A	220 V, 50/60 Hz, 4 A
Machine Dimension	(470×465×1100) mm / (18.5×18.3×43.3) in	
Machine Weight	138 kg (304 lbs)	140 kg (308 lbs)



Standard Accessories

- Scope : 1ea
- Φ10 Ball indenter : 1ea
- Φ5 Ball indenter : 1ea
- Φ10 Tungsten ball : 1ea
- Φ5 Tungsten ball : 1ea
- Flat anvil (Φ80) : 1ea
- V anvil (Φ65) : 1ea
- Power supply cable : 1ea
- Manual, Cloth cover : 1ea



Optional Accessories

- Test block etc.
- Flat anvil (Φ200)

