

# Hardness Tester 5100 DL



## FEATURES

- Integrated impact device DL for confined spaces e.g. gear wheels: no cables!
- Wide measuring range in HLDL and display of converted hardness values in HB, HRB, HRC, HV, HS
- For materials steel & cast steel
- Testing at any angle
- Simple handling and low test expenditure

## Measuring

Material	HLDL	HB	HRB	HRC	HV	HS
Steel &	560	81	37	20.6	80	30.6
Cast steel	~950	~646	~99.9	~68.2	~950	~96.8

## TECHNICAL SPECIFICATIONS

Particulars	
Standard impact device	DL integrated
Hardness scales	HLDL, HB, HRC, HRB, HV, HS
Measuring range/materials	See table above
Accuracy	±12HLDL
Memory	99 average readings
Output	USB to PC (Optional)
Mim. surface roughness of workpiece	1.6μ (Ra) Diameter = 2.8mm
Needle front section of DL-device	Length = 50mm
Max. Workpiece hardness	950HLDL
Min radius of Workpiece (convex/concave)	Rmin = 10mm
Min. Workpiece weight	2~5kg on stable support 0.05~2kg with compact coupling
Min Workpiece thickness coupled	5mm
Min thickness of hardened layer	0.8mm
Indentation depth	Impact devices data
Continuous working time	8h
Power	rechargeable NiMH battery
Overall dimensions	0~40°C
Weight	200g

## STANDARD DELIVERY

Particulars	
Main unit integrated with impact device DL	1 pc
Test block with HLD value	1 pc
Charger	1 pc
Cleaning brush	1 pc
Carrying suitcase	1 pc
Calibration certificate	1 pc
Instructional manual	1 pc