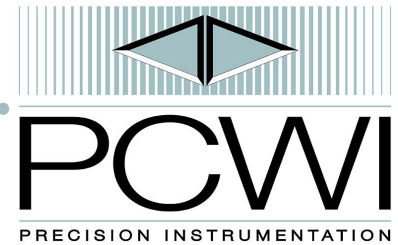


Hardness Tester

PCWI International are leaders in the manufacture, certification and distribution of specialist measuring instruments relevant to the metals construction and coating industries.



LA THL280 Plus Metal Hardness Tester with Impact Device D

Features

LCD display of 128x64 matrix with back-light, showing all functions and parameters. Converts to all common hardness scales (HV, HB, HRC, HRB, HRA, HS). Powerful PC Software available and USB 2.0 interface & with the USB Protective Membrane. Seven types of Impact Device optional, which don't need to be recalibrated when changing them. Memory of 600 groups data (impact times: 32~1). Lower limit setting and sound alarm. Material of "cast steel" is added; HB values can be read out directly when D/DC impact device is used to measure "cast steel" work piece. Printer be separated from main unit and copies of testing results can be printed as required. Inbuilt function of software calibration.

Specifications

Hardness scale:	HL, HB, HRB, HRC, HRA, HV, HS
Memory:	48 Readings/Batch, Max 600 batches
Measuring range:	HLD (170~960)
Accuracy:	$\pm 4\text{HLD}$ (760 ± 30 HLD) Error of display $\pm 4\text{HLD}$ (760 ± 30 HLD) Repeatability of displayed value
Max. Work piece Hardness:	996HV (For Impact Devices D, DC, DL, D+15 & C) 646HB (For Impact Device G)
Min. Radius of Work Piece:	(convex/concave) $R_{\min} = 50\text{mm}$ (with special support ring $R_{\min} = 10\text{mm}$)
Min. Work piece weight:	2 to 5kg on stable support
Min. Work piece thickness:	5mm (Impact Devices D, DC, DL & D+15) 1mm (Impact Device C) 10mm (Impact Device G)
Min. thickness of hardened surface:	0.8mm
Power:	AA Battery
Continuous Working Time:	Approximately 100 hours
Operating temperature:	0 to 40°C
Relative humidity:	$\leq 90\%$
Unit Dimensions	125 x 67 x 31mm
Weight:	0.3 kg

Includes:

Main Unit with Impact Device D
Test Block Type D, Cleaning Brush,
Supporting Ring; Communication Cable
Manual, Carry Case, DataPro Software
Battery Case Tool

Optional:

Impact Devices DC, D+15, G, C & DL
Mini Printer



Ordering Information: Part No. LATHA280D

In support of our policy of continuous product improvement we reserve the right to change materials and specifications without notice. Drawings, where used, are not to scale. All dimensions are in millimetres and sizes given are approximate. Where possible, technical MSDS data sheets are made available on the website. All products should be installed and used in accordance with manufacturer's instructions provided. Warning: products may be the subject of registered designs and patents. Refer to website for terms and conditions on warranty.