



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

WESTport Corporation

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CALIBRATION

Valid to: December 5, 2009

Certificate Number: AC - 1298

I. Mechanical

PARAMETER / EQUIPMENT	RANGE	BEST MEASUREMENT CAPABILITY [EXPRESSED AS UNCERTAINTY(+)]	REFERENCE STANDARD OR EQUIPMENT	METHOD(S)
Rockwell Hardness HRA	(80 to 93) HRA (51 to 79) HRA (30 to 50) HRA	0.33 HRA 0.33 HRA 0.33 HRA	Newage Hardness Tester and Test Blocks	ASTM E18 ISO 6508-3
HRB	(80 to 100) HRB (51 to 79) HRB (30 to 50) HRB	0.33 HRB 0.33 HRB 0.33 HRB		
HRC	(60 to 70) HRC (40 to 59) HRC (20 to 39) HRC	0.40 HRC 0.33 HRC 0.33 HRC		
HR15N	(90 to 95) HR15N (80 to 89) HR15N (40 to 79) HR15N	0.33 HR15N 0.33 HR15N 0.34 HR15N		
HR30N	(77 to 85) HR30N (60 to 76) HR30N (40 to 59) HR30N	0.34 HR30N 0.36 HR30N 0.36 HR30N		
HR45N	(67 to 75) HR45N (50 to 66) HR45N (20 to 49) HR45N	0.34 HR45N 0.34 HR45N 0.34 HR45N		
HR15T	(88 to 100) HR15T (80 to 87) HR15T (70 to 79) HR15T	0.33 HR15T 0.33 HR15T 0.34 HR15T		
HR30T	(57 to 85) HR30T (50 to 56) HR30T (35 to 49) HR30T	0.35 HR30T 0.35 HR30T 0.35 HR30T		
HR45T	(50 to 75) HR45T (40 to 49) HR45T (2 to 48) HR45T	0.39 HR45T 0.39 HR45T 0.35 HR45T		



PARAMETER / EQUIPMENT	RANGE	BEST MEASUREMENT CAPABILITY [EXPRESSED AS UNCERTAINTY(+)]	REFERENCE STANDARD OR EQUIPMENT	METHOD(S)
Brinell Hardness	(400 to 600) HBW (200 to 399) HBW (50 to 199) HBW	1.8 HBW 2.4 HBW 2.4 HBW	Newage tester with auto-measure camera and Test Blocks	ASTM E10 ISO 6506-3

Notes:

1. Best Measurement Capabilities (Expanded Uncertainties) are based on approximately a 95% confidence interval, using a coverage of $k=2$
2. This scope is part of and must be included with the Certificate of Accreditation No. AC – 1298



Vice President

