


Fox Valley Metrology

3114 Medalist Drive
Oshkosh, WI 54902
(920) 426-5894 • Fax (920) 426-8120
<http://www.FoxValleyMetrology.com>

CERTIFICATE OF CALIBRATION



Certificate No. ACT-1272

CERTIFICATION NUMBER CL096-32776-430 FOR Intertek 8431 Murphy Drive Middleton, WI 53562 PURCHASE ORDER # TEST INSTRUMENT Scales Analytical Balance MAKE Ohaus MODEL Explorer E12140 SERIAL NUMBER B258010639 IDENTIFICATION 713 		PROCEDURES FOLLOWED FVE-020 rev. 2 STANDARDS USED <table border="1"> <thead> <tr> <th>INSTRUMENT</th> <th>SERIAL NUMBER</th> <th>TRACE NUMBER</th> <th>NEXT CAL</th> </tr> </thead> <tbody> <tr> <td>FVS-019D</td> <td>26623</td> <td>CK240-48617-466</td> <td>08/31/2022</td> </tr> <tr> <td>FVS-469</td> <td>N/A</td> <td>CL084-50197-397</td> <td>03/31/2022</td> </tr> </tbody> </table>	INSTRUMENT	SERIAL NUMBER	TRACE NUMBER	NEXT CAL	FVS-019D	26623	CK240-48617-466	08/31/2022	FVS-469	N/A	CL084-50197-397	03/31/2022
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CUSTOMER LOCATION CONDITION RECEIVED In Tolerance CONDITION RETURNED In Tolerance CALIBRATED BY Danny Scherr CALIBRATION LOCATION On Site ENVIRONMENT 70.0°F, 21.1°C, 36.0%RH CALIBRATION DATE 04/06/2021 RECALIBRATION DUE 10/06/2021		This certificate shall not be altered in any form or reproduced, except in full, without prior written approval from originating lab. These results relate only to the item(s) calibrated. Form Revision 7: 07/14/2020 Total expanded measurement uncertainties expressed are based on a confidence level of 95%; coverage factor of (k=2). The statement of compliance in this certificate was issued without taking the uncertainty of measurement into consideration. The customer shall assess the results and uncertainty when determining if the results meet their needs. (This is considered "shared responsibility.") Uncertainties expressed in nominal units. The calibrations within the certificate/report are traceable through NIST or another National Metrology Institute to the International System of Units (SI). Calibration was completed in accordance with ISO/IEC 17025:2017, ANSI/NCCL Z540-1-1994 and ANSI/NCCL Z540.3-2006. Other standards listed upon request.												

CALIBRATION RESULTS

* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Increasing Load	(g)	(g)	(g)	(g)	(g)	(g)
	0.0000	-0.0001	0.0001	0.0000	0.0000	0.00007
	5.0000	4.9999	5.0001	5.0000	5.0000	0.00007
	10.0000	9.9998	10.0002	10.0000	10.0000	0.00006
	20.0000	19.9998	20.0002	19.9999	20.0000	0.00006
	50.0000	49.9997	50.0003	49.9998	50.0000	0.00011
	100.0000	99.9997	100.0003	99.9998	99.9998	0.00022
	200.0000	199.9997	200.0003	200.0002	200.0002	0.00044
	210.0000	209.9997	210.0003	210.0002	210.0002	0.00045
Decreasing Load	(g)	(g)	(g)	(g)	(g)	(g)
	20.0000	19.9998	20.0002	19.9999	20.0000	0.00007
	5.0000	4.9999	5.0001	5.0000	5.0000	0.00006
Shift Test	(g)	(g)	(g)	(g)	(g)	(g)
Front	70.0000	69.9997	70.0003	69.9998	70.0000	0.00015
Left	70.0000	69.9997	70.0003	70.0000	70.0000	0.00015
Right	70.0000	69.9997	70.0003	69.9997	70.0000	0.00015
Back	70.0000	69.9997	70.0003	69.9997	70.0000	0.00016

COMMENTS

Scale Capacity = 210 g; Precision = .0001 g; Class = I; Total Divisions = 2100000