

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

<p>CERTIFICATION NUMBER CL096-32776-430</p> <p>FOR Intertek 8431 Murphy Drive Middleton, WI 53562</p> <p>PURCHASE ORDER #</p> <p>TEST INSTRUMENT Scales Analytical Balance</p> <p>MAKE Ohaus</p> <p>MODEL Explorer E12140</p> <p>SERIAL NUMBER B258010639</p> <p>IDENTIFICATION 713 </p> <p>CUSTOMER LOCATION</p> <p>CONDITION RECEIVED In Tolerance</p> <p>CONDITION RETURNED In Tolerance</p> <p>CALIBRATED BY Danny Scherr</p> <p>CALIBRATION LOCATION On Site</p> <p>ENVIRONMENT 70.0°F, 21.1°C, 36.0%RH</p> <p>CALIBRATION DATE 04/06/2021</p> <p>RECALIBRATION DUE 10/06/2021</p>	<p>PROCEDURES FOLLOWED FVE-020 rev. 2</p> <p>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</p> <p>STANDARDS USED</p> <table border="1" style="width:100%; border-collapse: collapse;"> <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> <p>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.</p> <p>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/NCSL Z540-1-1994 and ANSI/NCSL Z540.3-2006. Other standards listed upon request.</p>	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
INSTRUMENT	SERIAL NUMBER	TRACE NUMBER	NEXT CAL										
FVS-019D	26623	CK240-48617-466	08/31/2022										
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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