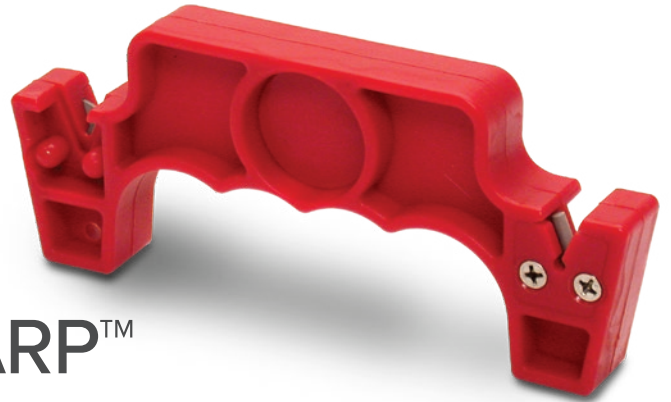


INTRUDER™ QUIKSHARP™

Complete Knife Sharpening System



FEATURES

- Tungsten carbide blades
- Ceramic honing rods
- Reversible blades

SPECIFICATIONS

Dimensions:
(L x W x H)
6.00 x 0.75 x 2.50 in
(152 x 19 x 64 mm)

PART NUMBER/PRICE

PART #	MODEL/DESCRIPTION	EST. WEIGHT	PRICE
78720	Intruder QuikSharp™ complete knife sharpening system	2.25 oz	Consult

CRIMPER AND LEAD SEALS

FEATURES

CRIMPER

- 5.0 in (127 mm) seal press with two 0.5 inch (13 millimeter) engraving dies
- Chrome finish
- Maximum of nine characters can be engraved on die
- Compound leverage
- Quick delivery on custom dies

LEAD SEALS

- Heavy-duty seal with galvanized steel wire
- Length 16.0 in (406 mm)

PART NUMBER/PRICE

PART #	MODEL/DESCRIPTION	PRICE
21111	Crimper and two die blanks	Consult
15317	100 seals/pkg	Consult



WEIGHT SET

ASTM Class 5 Stainless Steel Satin 30 lb Kit



FEATURES

- ASTM Class 5
- Protective case
- Stainless steel

PART NUMBER/PRICE

PART #	MODEL/DESCRIPTION	PRICE
12638	30 lb weight kit (3 - 10 lb weights) satin	Consult
12640	30 lb weight kit (6 - 5 lb weights) satin	Consult
12588	10 lb to 0.001 lb weight kit satin	Consult
12634	5 piece weight kit (5 lb to 0.001 lb) satin	Consult

OPTIONAL CERTIFICATE

ACCREDITED
Consult
Consult
Consult
Consult

WEIGHT SET CONTENTS

(3) 10LB	(6) 5LB	10LB - 0.001LB	(5) 5LB - 0.001LB
12638	12640	12588	12634
(3) 10 lb	- (6) 5 lb	(2) 10 lb (1) 5 lb (5) 1 lb (3) 4 oz (2) 0.2 lb (1) 0.1 lb (3) 1 oz (1) 0.05 lb (2) 1/2 oz (2) 0.02 lb (2) 1/4 oz (1) 0.01 lb (1) 0.005 lb (2) 0.002 lb (1) 0.001 lb	- (5) 5 lb - (5) 1 lb (1) 0.5 lb (2) 0.2 lb (1) 0.1 lb (1) 0.05 lb (2) 0.02 lb (1) 0.01 lb (1) 0.005 lb (2) 0.002 lb (1) 0.001 lb
3 pcs. 30 lb set wt.	6 pcs. 30 lb set wt.	29 pcs. 31 lb 1/2 oz set wt.	22 pcs. 31.11 lb set wt.

MULTI-PURPOSE
RETAIL SCALES
PRICE COMPUTING
SCALES
PRICE COMPUTING
PRINTING SCALES
LABELERS
WRAPPING
SYSTEMS
SOFTWARE
ACCESSORIES
POWER
CONDITIONING
RETAIL
LABELS
WARRANTY

CERTIFICATE OF WEIGHT CALIBRATION (ACCREDITED)

A customer requesting an accredited Certificate of Weight Calibration needing traceability to NIST is looking for a nominal mass value plus or minus corrections and uncertainty values. To produce this document, a calibration laboratory must maintain a statistical measurement process acceptable by the accrediting body. Also, depending on the weight class and the accuracy required, different standards and procedures need to be incorporated to make sure the level of uncertainty is appropriate for the item being calibrated. The accredited Certificate of Weight Calibration is in compliance with ISO International Standard 17025 and ANSI/NCCL Z540-1 requirements.

RICE LAKE Certificate of Weight Calibration																									
Traceable Certificate Number:	1234567 1																								
Contractor:	2 RICE LAKE WEIGHING SYSTEMS 230 W. COLEMAN STREET RICE LAKE, WI 54868																								
Purchase Order Number:	3 PURCHASE ORDER																								
Client:	RICE LAKE WEIGHING SYSTEMS 230 W. COLEMAN STREET RICE LAKE, WI 54868																								
4 Date Received:	25 Sep 2022																								
Date Calibrated:	5 26 Sep 2022 to 27 Sep 2022																								
Recalibration Date:	6 26 Sep 2023																								
NIST Certificate Number:	6 684/292805-19																								
<small>If there are two NIST numbers, one of them may apply</small>																									
Calibrated By:	7 20, 28																								
Procedure:	WI05-0095 Rev. D																								
Condition of Weights:	8 Acceptable for Calibration																								
Description of Weights:	2 mg to 100 g Polished Weights, ASTM Class 1, S/N 1234, ID# ABCD																								
Comments:																									
	<table border="0"> <thead> <tr> <th>Key Notes</th> <th>Cleaning Levels</th> </tr> </thead> <tbody> <tr> <td>Finish ✱ Indicates the weight does not meet the finish requirements</td> <td>A Dusted with brush or cloth</td> </tr> <tr> <td>Material ⊕ Indicates the weight does not meet the material requirements</td> <td>B Spot cleaned with ethyl alcohol</td> </tr> <tr> <td>New Wt ◇ Indicates new weight</td> <td>C Full surface cleaned with ethyl alcohol</td> </tr> <tr> <td>Missing Wt △ Indicates replaced missing weight with new weight</td> <td>D Spot cleaned with non-alcohol solvent followed by ethyl alcohol</td> </tr> <tr> <td>Damaged Wt ✕ Indicates replaced damaged weight</td> <td>E Full surface cleaned with non-alcohol solvent followed by ethyl alcohol</td> </tr> <tr> <td>Replaced OOT ★ Indicates replaced out of tolerance weight</td> <td>F No cleaning performed</td> </tr> <tr> <td>OOT ☒ Indicates correction plus or minus Uncertainty greater than or equal to MPE</td> <td></td> </tr> <tr> <td>Magnetic Wt ★★ Indicates replaced magnetic weight</td> <td></td> </tr> <tr> <td>Design ⊗ Indicates the weight does not meet the design or shape requirements</td> <td></td> </tr> <tr> <td>Repainted 🖨 Indicates the weight was repainted after As Found obtained</td> <td></td> </tr> <tr> <td>Other † See comments above</td> <td></td> </tr> </tbody> </table>	Key Notes	Cleaning Levels	Finish ✱ Indicates the weight does not meet the finish requirements	A Dusted with brush or cloth	Material ⊕ Indicates the weight does not meet the material requirements	B Spot cleaned with ethyl alcohol	New Wt ◇ Indicates new weight	C Full surface cleaned with ethyl alcohol	Missing Wt △ Indicates replaced missing weight with new weight	D Spot cleaned with non-alcohol solvent followed by ethyl alcohol	Damaged Wt ✕ Indicates replaced damaged weight	E Full surface cleaned with non-alcohol solvent followed by ethyl alcohol	Replaced OOT ★ Indicates replaced out of tolerance weight	F No cleaning performed	OOT ☒ Indicates correction plus or minus Uncertainty greater than or equal to MPE		Magnetic Wt ★★ Indicates replaced magnetic weight		Design ⊗ Indicates the weight does not meet the design or shape requirements		Repainted 🖨 Indicates the weight was repainted after As Found obtained		Other † See comments above	
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Check with your local state agency for certification of compliance on Legal-for-Trade items. The weight accuracy class is referenced in the Description of Weights. Unless otherwise noted, the weights calibrated meet the requirements of the accuracy class. Results relate only to weights calibrated. The Surface Finishes of weights are evaluated visually. Weights are screened for magnetism using work instruction WI05-0035 when they are new, when requested by the customer or when weights are suspected of not meeting specifications. Density if measured is measured using OIML R111-1 (2004) method A2. Conventional Mass is reported based on a reference density of 8.0 g/cm³. The Uncertainty of Measurement is included in the determination of Maximum Permissible Error (MPE) Pass/Fail Criteria. The specifications for Maximum Permissible Error (MPE) can be found in NIST Handbook 105-1 (2019), NIST Handbook 105-1 (1990), ASTM E617-18 or OIML R111-1 (2004), manufacturer specifications or customer specifications.

The Uncertainty assigned to the Conventional Mass values are the result of the root-sum-square of the type A and type B components, calculated in accordance with NIST SOP 29 and the Guide to the expression of uncertainty in measurement, with coverage factor (k=2), to express the expanded uncertainty with an approximate 95.45% confidence level. This report is not to be used to claim product certification, approval, or endorsement by NVLAP, NIST, A2LA, or any government agency. This document and all data within, shall not be reproduced, except in full, without the written approval of Rice Lake Weighing Systems.


Dan Demers, Metrologist

30 Sep 2022
Issued Date:

9 Prepared By:
Rice Lake Weighing Systems® • PN 64784 • 12/21
 230 West Coleman Street • Rice Lake, WI 54868 • USA
 TEL: 715-234-8171 • FAX: 715-234-6967
 Definitions: <http://certs.ricelake.com/certs/DefinitionsV2.docx>
 Page 1 of 2

Procedure used:
Internationally published procedures defined by NIST, ASTM and OIML

THE CERTIFICATE OF WEIGHT CALIBRATION (NON-ACCREDITED) INCLUDES THE FOLLOWING INFORMATION:

- 1** Traceable Certificate Number
- 2** Contractor (sold to) name and address
- 3** End-user name and address
- 4** Date calibrated
- 5** Recalibration date (if requested)
- 6** NIST Certificate of Calibration Number
- 7** Procedure used (Intercomparison Method)
- 8** Identification of the calibrated item(s) and serial number, if applicable
- 9** Name and address of the calibration laboratory
- 10** Nominal Mass
- 11** True Mass (Mass in Vacuum)
- 12** True Mass Correction⁰
- 13** Conventional Mass: mass of a weight of a density of 8000 kg/m³ which it balances in air of density of 1.2 kg/m³
- 14** Conventional Mass Correction¹
- 15** A stated quantity of the estimated value of uncertainty²
- 16** Maximum Permissible Error for the specified accuracy class
- 17** Assumed material density of the weight being calibrated
- 18** Environmental conditions to time of calibration
- 19** Record of the weighing instrument(s)
- 20** Reference standard set used to calibrate item(s) listed on certificate

0 The True Mass Correction is the deviation from the Nominal Value, reported in milligrams. A minus sign indicates that the True Mass of the weight is less than the nominal value.

1 The Conventional Mass Correction is the deviation from the Nominal Value, reported in milligrams. A minus sign indicates that the Conventional Mass of the weight is less than the nominal value.

2 All measurements have a degree of uncertainty regardless of precision and accuracy. This is caused by two factors, the limitation of the measuring instrument (systematic error) and the skill of the experimenter making the measurements (random error).

RICE LAKE Certificate of Weight Calibration

Traceable Certificate Number: 1234567	Temperature Range: 18 20.62 °C to 20.81 °C
Client: Rice Lake Weighing Systems	Pressure Range: 736.58 mmHg to 740.90 mmHg
Date Calibrated: 26 Sep 2022 to 27 Sep 2022	Relative Humidity Range: 42 % to 51 %

As Left Data (As Found Data is undifferentiated from As Left Data unless listed in As Found Data table)															
Nominal Value	Unique ID	True Mass (Same UOM as Nom.)	True Mass Corr. (mg)	Conv. Mass (Same UOM as Nom.)	Conv. Mass Corr. (mg)	(k=2) Unc. (± mg)	MPE (± mg)	MPE Pass (Y=Pass N=Fail)	Assumed Density (g/cm ³)	Assumed Material	Const. Type	Balance Used	Reference Standard Set Used	Air Density (mg/cm ³)	Clean Level
2 mg		2.00162	0.00162	2.00161	0.00161	0.00062	0.010	Y	7.95	SS	I	1605Q	K594Q	1.1659	A
3 mg		2.99858	-0.00142	2.99858	-0.00142	0.00062	0.010	Y	7.95	SS	I	1605Q	K594Q	1.1659	A
5 mg		5.00303	0.00303	5.00302	0.00302	0.00071	0.010	Y	7.95	SS	I	1605Q	K594Q	1.1660	A
10 mg		10.00376	0.00376	10.00375	0.00375	0.00097	0.010	Y	7.95	SS	I	1605Q	K594Q	1.1661	A
20 mg		20.00359	0.00359	20.00357	0.00357	0.00081	0.010	Y	7.95	SS	I	1605Q	K594Q	1.1661	A
30 mg		30.00011	0.00011	30.00008	0.00008	0.00081	0.010	Y	7.95	SS	I	1605Q	K594Q	1.1661	A
50 mg		49.9991	-0.0009	49.9990	-0.0010	0.0016	0.010	Y	7.95	SS	I	1605Q	K594Q	1.1662	A
100 mg		100.0033	0.0033	100.0032	0.0032	0.0019	0.010	Y	7.95	SS	I	1605Q	K594Q	1.1662	A
200 mg		200.0016	0.0016	200.0014	0.0014	0.0019	0.010	Y	7.95	SS	I	1605Q	K594Q	1.1663	A
300 mg		300.0032	0.0032	300.0029	0.0029	0.0016	0.010	Y	7.95	SS	I	1605Q	K594Q	1.1664	A
500 mg		500.0026	0.0026	500.0021	0.0021	0.0021	0.010	Y	7.95	SS	I	1605Q	K594Q	1.1664	A
1 g		1.0000130	0.0130	1.0000121	0.0121	0.0027	0.034	Y	7.95	SS	I	1605Q	K594Q	1.1663	A
2 g		1.9999822	-0.0178	1.9999803	-0.0197	0.0031	0.034	Y	7.95	SS	I	1605Q	K594Q	1.1662	A
3 g		3.0000197	0.0197	3.0000168	0.0168	0.0033	0.034	Y	7.95	SS	I	1605Q	K594Q	1.1663	A
5 g		5.0000101	0.0101	5.0000054	0.0054	0.0055	0.034	Y	7.95	SS	I	1605Q	K594Q	1.1664	A
10 g		10.000031	0.031	10.000021	0.021	0.011	0.050	Y	7.95	SS	II	676Q	K594Q	1.1664	A
20 g		20.000042	0.042	20.000023	0.023	0.012	0.074	Y	7.95	SS	II	676Q	K594Q	1.1663	A
30 g		30.000008	0.008	29.999980	-0.020	0.019	0.074	Y	7.95	SS	II	1631Q	K594Q	1.1659	A
50 g		49.999981	-0.019	49.999934	-0.066	0.027	0.12	Y	7.95	SS	II	1631Q	K594Q	1.1657	A
★ 100 g		100.000281	0.281	100.000187	0.187	0.052	0.25	Y	7.95	SS	II	1631Q	K594Q	1.1595	A

As Found Data															
Nominal Value	Unique ID	True Mass (Same UOM as Nom.)	True Mass Corr. (mg)	Conv. Mass (Same UOM as Nom.)	Conv. Mass Corr. (mg)	(k=2) Unc. (± mg)	MPE (± mg)	MPE Pass (Y=Pass N=Fail)	Assumed Density (g/cm ³)	Assumed Material	Const. Type	Balance Used	Reference Standard Set Used	Air Density (mg/cm ³)	Clean Level
★ 100 g		99.999884	-0.116	99.999789	-0.211	0.052	0.25	N ☒	7.95	SS	II	1631Q	K594Q	1.1658	A

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MULTI-PURPOSE RETAIL SCALES
PRICE COMPUTING SCALES
PRICE COMPUTING PRINTING SCALES
LABELERS
WRAPPING SYSTEMS
SOFTWARE
ACCESSORIES
POWER CONDITIONING
RETAIL LABELS
WARRANTY