This document provides details regarding the new 2020 Nutrition requirement. This includes a step by step procedure to convert the existing nutrition data to the new format. The conversion is done during a firmware update and utilizes ScaleLink Pro 5 version 2.40t or later. It is not possible to convert nutrition data from the old format to the new 2020 format by USB backup and restore.

Sample Labels

<text></text>	Ini-9 and IP-Ai-P						and the second state
SetL BY DEC25.19 MUV25.19 MULTION COLOSS BOD499 NET VI. 01b 202 579 MUT & 4.99 DIAL PRICE ColOSS BOD499 BUT & 4.99 DIAL PRICE ColOSS BOD499 TOTAL PRICE Serving size BUT & 44.99 Nutricional Control Sectors Amount per serving Coloss Bod499 BUT & 44.99 Amount per serving Serving size 30 pretzels (30g) Amount per serving Coloss Bod499 MULT & 46.99 Saturated Fat 100 Cholesterol Yamin D Moded Sugars Years Fat 100 G Cholesterol Moded Sugars Years Fat 90 G Years Fat 90 G <td>PRETZELS</td> <td></td> <td></td> <td>PRETZ</td> <td>ZELS</td> <td>3</td> <td></td>	PRETZELS			PRETZ	ZELS	3	
Nutrition Facts About 2 servings per container Serving size 30 pretzels (309) Amount per serving 120 Manuer per serving 120 Marcine Fat 1g 1% Saturated Fat 0g 0% Trans Fat 0g 120 Cholesterol 0mg 0% Total Fat 1g 14% Sodium 330mg 14% Total Carbohydrate 24g 9% Dietary Fiber 1g 4% Total Sugars 1g 10 includes 0g Added Sugars 0% 0% Protein 3g 0% Vitamin D Omcg 0% Vitamin D Omcg 0% Potassium 42mg 0% Protein 3g 0% Potassium 42mg 0% Potasere 2000 calmeres a a surving ef food	SELL BY PACK DEC.25.19 NUV.25.19 NET WI. 011 11:10AM AM11:10 2 01055 80499 9	202 579 \$4.99 PRICE	SELL BY PACK DEC.25.19 NOV. 11:11AM AM1.	25.19 1:11	1	IET WT. 01 1@1. Totai	b 202 579 \$4.99 PRICE
Total Fat 1g 1% Saturated Fat 0g 0% Trans Fat 0g 0% Cholesterol 0mg 0% Sodium 330mg 14% Sodium 330mg 14% Total Carbohydrate 24g 9% Dietary Fiber 1g 4% Total Sugars 1g 10% includes 0g Added Sugars 0% 104 4% Protein 3g 0% Vitamin D 0mcg 0% Potassium 42mg 0% Vitamin D 0mcg 0% Potassium 42mg 0% * The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice. ISHIDA Uni SERIES SCALES 1SHIDA Uni SERIES SCALES RICE LAKE, VI 54868 RICE LAKE, VI 54868	Nutrition Fact About 2 servings per container Serving size 30 pretzels (3 Amount per serving Calories 12 % Daily Value	30g) 20	About 2 serving Serving size	s per com 3	tainer 0 pre	ac tzels (Por ce 2	ts ^{30g)} 30
Saturated Fat 0g 0% Trans Fat 0g 0% Cholesterol 0mg 0% Sodium 330mg 14% Total Carbohydrate 24g 9% Dietary Fiber 1g 4% Total Sugars 1g 330mg 14% includes 0g Added Sugars Vitamin D 0mcg 0% Vitamin D 0mcg 0% Protein 3g 5g Vitamin D 0mcg 0% Potassium 42mg 0% * The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet 2,000 calories a day is used for general nutrition advice. ISHIDA Uni SERIES SCALES TSHIDA Uni SERIES SCALES RICE LAKE, VI 54868 RICE LAKE, VI 54868	Total Fat 1g	1%	EACONAMENTAL IN THE OF COMPANY DAMA		% DV*		% DV*
Trans Fat: 0g 0% Cholesterol 0mg 0% Sodium 330mg 14% Total Carbohydrate 24g 9% Dietary Fiber 1g 4% Total Sugars 1g 330mg 14% includes 0g Added Sugars Vitamin D 0mcg Protein 3g 0% Vitamin D 0mcg Potassium 42mg 0% Potassium 42mg 0% a day is used for general nutrition advice. ISHIDA Uni SERIES SCALES RICE LAKE, VI 54868	Saturated Fat Og	0%	Total Fat	1 <u>g</u>	1%	1.5g	2%
Cholesterol Umg 0% Sodium 330mg 14% Total Carbohydrate 24g 9% Dietary Fiber 1g 4% Total Sugars 1g 30mg includes 0g Added Sugars Vitamin D 0mcg Omcg 0% Vitamin D 0mcg Omcg 0% Vitamin D 0mcg Omcg 0% Vitamin D 0mcg Optassium 42mg 0% Potassium 42mg 0% The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet 2,000 calories a day is used for general nutrition advice. ISHIDA Uni SERIES SCALES ISHIDA Uni SERIES SCALES RICE LAKE, VI 54868 RICE LAKE, VI 54868	Trans Fat Og		Saturated Fat	Og	0%	0g 0g	0%
Sodium 330mg 14% Total Carbohydrate 24g 9% Dietary Fiber 1g 4% Total Sugars 1g 16% Total Sugars 1g 16% Protein 3g 16% Vitamin D 0mcg 0% Protein 3g 5g Vitamin D 0mcg 0% Potassium 42mg 0% Sodium 3mg 15% Potassium 42mg 0% 5g Potassium 42mg 0% 5g 2% The % Daily Value (DV) tells you how much a nutrient in a serving of food contribute	Cholesterol Omg	0%	Cholesterol	Oma	0%	Oma	0%
Total Calibority Grate 24g 9% Dietary Fiber 1g 4% Total Sugars 1g 1g includes 0g Added Sugars Protein 3g 0% Vitamin D Omcg 0% Iron 2mg 0% Potassium 42mg 0% * The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet 2,000 calories a day is used for general nutrition advice. ISHIDA Uni SERIES SCALES Total Sugars RICE LAKE, VI 54868 RICE LAKE, VI 54868	Sodium 330mg	4%	Sodium	330mg	14%	620mg	27%
Dietary Fiber 1g 4% Total Sugars 1g 2g includes 0g Added Sugars 0% Protein 3g 0% 1ncl.Added Sugars 0g Vitamin D 0mcg 0% Iron 2mg 0% 0% 0mcg 0% Potassium 42mg 0% 0% 0mcg 0% * The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet 2,000 calories a day is used for general nutrition advice. 1% 1% ISHIDA Uni SERIES SCALES 1% 1% 20% calcies RICE LAKE, VI 54868 RICE LAKE, VI 54868 RICE LAKE, VI 54868	Dietany Eiber 10	976 A9/	Total Carb.	240	9%	46a	17%
Total Sugars 1g 2g includes 0g Added Sugars 0% Protein 3g 3g 5g Vitamin D 0mcg 0% 5g Vitamin D 0mcg 0% 5g Iron 2mg 10% 17/mg 2% Potassium 42mg 0% 17/mg 2% Potassium 42mg 0% 5g 2% 'The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice. 13HIDA Uni SERIES SCALES ISHIDA Uni SERIES SCALES 13HIDA Uni SERIES SCALES 13HIDA Uni SERIES SCALES	Total Sugars 1g	4 /6	Dietary Fiber	1g	4%	2g	7%
Incl. Added Sugars 0.9 Protein 3g Vitamin D 0mcg Order 0% Iron 2mg 0% Potassium 42mg Option 0% * The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice. ISHIDA Uni SERIES SCALES THEM Scales RICE LAKE, VI 54868 RICE LAKE, VI 54868	includes On Added Sugars	0%	Total Sugars	1g		2g	
Protein 3g 5g Vitamin D Omcg 0% Iron 2mg 0% Potassium 42mg 0% * The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet 2,000 calories a day is used for general nutrition advice. 9mg 0% 1SHIDA Uni SERIES SCALES 1SHIDA Uni SERIES SCALES 1SHIDA Uni SERIES SCALES	Protein 3g	0 //0	Incl. Added Sugars	0g	0%	0g	0%
Vitamin D Omcg O% Calcium 9mg O% Iron 2mg O% Potassium 42mg O% * The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice. Omcg O% 1SHIDA Uni SERIES SCALES THIDA Uni SERIES SCALES RICE LAKE, VI 54868 RICE LAKE, VI 54868			Protein	3g		5g	
Calcium 9mg 0% Iron 2mg 10% Potassium 42mg 0% * The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice. 2mg 10% ISHIDA Uni SERIES SCALES THIDA Uni SERIES SCALES THIDA Uni SERIES SCALES RICE LAKE, VI 54868 RICE LAKE, VI 54868 RICE LAKE, VI 54868	Vitamin D Omcg	0%	Vitamin D	Omea	0%	Omeg	0%
Iron 2mg 10% Potassium 42mg 0% * The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice. 9mg 10% ISHIDA Uni SERIES SCALES RICE LAKE, WI 54868	Calcium 9mg	0%	Calcium	9mg	0%	17mg	2%
Potassium 42mg 0% The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice. ISHIDA Uni SERIES SCALES RICE LAKE, WI 54868 RICE LAKE, WI 54868 RICE LAKE, WI 54868	Iron 2mg	10%	Iron	2mg	10%	Bing	15%
The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice. ISHIDA Uni SERIES SCALES RICE LAKE, VI 54868 RICE LAKE, VI 54868 RICE LAKE, VI 54868	Polassium 42mg	0%	Potassium	42mg	0%	50	2%
ISHIDA Uni SERIES SCALES RICE LAKE, VI 54868 RICE LAKE, VI 54868	 The % Daily Value (DV) tells you how much a nutrie a serving of food contributes to a daily diet. 2,000 ca a day is used for general nutrition advice. 	nt in Ilories	The % Daily Value (DV) tells food contributes to a daily d nutrition advice	s you how much lef 2 000 calone	n a nutrient es a day is	in a serving of the gen	it eral
RICE LAKE, WI 54868	ISHIDA Uni SERIES SCALES		ISHIDA Uni SERIES SCALE	S			
	RICE LAKE, WI 54868		RICE LAKE, WI 54868				

2020 Nutrition Standard

2020 Nutrition Dual-Column



GROUND BEEF EXTRA LEAN Product Of: USA						
Nutrition	Amount/serving	% DV*	Amount/serving	% DV*		
Facts	Total Fat 9g	13%	Total Carb.0g	0%		
varies	Sat. Fat 3.4g	17%	Dietary Fiber Og	0%		
Servings per container	Trans Fat 0.5g		Total Sugars Og			
Serving size	Cholest.55mg	18%	Incl.0g Added Sug	ars 0%		
3 oz (85g)	Sodium 56mg	2%	Protein 17g			
Calories 149	Vit. DOmcg Iron 3mg	0% 10%	Calcium 0g Potassium 0mg	0% 0%		
THIS PRODUCT WAS PREPARE PRODUCTS MAY CONTAIN BAS OR COOKED IMPROPERLY, FO TRADUCTS MAY CONTAIN BAS OR COOKED IMPROPERLY, FO TRADUCT MAY CONTAIN PROPERCIPAN KEEP RAW MEAT AN FREPROEME CONTAIN CONTAINT REPROEME (INCLUDING CUTTIN HANDS AFTER TOOL JAN.19,20 JA 6:52PM	ib récMinsfécère al Terena That could c r Your Protection F IoR FROZEN. TOR GR MICROWAVE. D POULTAY SEPERATE WASH WORKING SUR G BOARDS, UTENSIS. WASH WORKING SUR BACKED ON P AN. 17.20 2:52PM	AND OULTRY. FACES	SAFE AND OR POULTRY S BESIF THE PRODUCT IS MIS RESE THAN DOLUTI IS MIS COOK THOROUC REFERENCE	IOME FOOD HANDLED HANDLED HULY IS HOT FFTOVERS R DISACRD 15 20		



Firmware

The following firmware versions or later are required to support the 2020 Nutrition data format.

- Uni-3 C2271M
- Uni-5 C1929C
- Uni-7 PK-260A CPU C1991M PK-260A CPU C2032K
- Uni-9 C2249M
- IP-Ai-P C2194E
- WM-Nano PK-260A CPU B0684Y*
 - PK-260A CPU **B0760E***
- WM-Ai / IP-Ai **C2150R**

SLP-5 2020 Nutrition Configuration

From version 2.40t, SLP-5 can support both the original nutrition data and also the new 2020 Nutrition format – but not at the same time. Both sets of data are be saved in the database. There is, however, no conversion available within SLP-5.

* SLP-5 version 2.50a or later is required to fully support the WM-Nano for 2020 Nutrition if Scale Type is set as "WM-Nano" in SLP-5.

These are the steps to change between the old and new 2020 Nutrition format:

- 1. Open SLP-5 Setup Utility
- 2. General
- 3. General #2 tab
- 4. Enable or disable "Nutrition: USA format (2020)"?

Nutrition Data Entry Screens

Nutrition editing screens have changed to two forms listing the new nutrition data fields plus a "free" table that can be used for miscellaneous additional values.

- Form 1 tab for single column format
- Form 2 tab for dual column format (Uni-9 and WM/IP-Ai only)
- Free tab for miscellaneous fields

-	
	Product
PLU No. 11	
Description BOSTON	CREAM PUFFS
	Nutrition Facts
Serving Size	
Serving Size #2	
Servings/Container	
Form #1 Form #2 Free	
Title	
	Content %
Calories	
Total Fat	
Saturated Fat	
Trans Fat	
Cholesterol	
Sodium	
Total Carbohydrate	
Dietary Fiber	
Total Sugar	
Added Sugar	
Protein	
Vitamin D	
Calcium	
Iron	
Potassium	

SLP-5 Form 1 and Form 2

	X
Product	
PLU No. 11	
Description BOSTON CREAM PUFFS	
Nutrition Facts	
Serving Size #2 Servings/Container Form #1 Form #2 Free Content %	
Free1	

SLP-5 Free

NUTRITION DATA / DETAIL (FORM #1) NOV.25.2019								
	NUTRITION No.	100	SERVING SIZE					
	SERVING PER CONT		SERVING SIZE 2					
	CALORIES		FORM #1					
	TOTAL FAT	г		TOTAL SUGAR				
	SATURATED	FAT		ADDED SUGAR				
	TRANS FA	т		PROTEIN				
	CHOLESTER	OL		VITAMIN D				
	SODIUM			CALCIUM				
	TOTAL CARBOHYDR	ATE		IRON				
	DIETARY FIB	ER		POTASSIUM				
	FORM #1	FORM #2	FREE				DELETE	

Uni-9 and WM/IP-Ai Form 1 and Form 2

2020_Nutrition_Details+Conversion_Procedure

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ľ	NUTRITION DATA / DETAIL (FREE) NOV.25.2019 (MON) 13:12						
	NUTRITION No.	100	SERVING SIZE				
	SERVING PER CONT		SERVING SIZE 2				
	NUTR.FREE	E1					
	NUTR.FREE	E2					
	NUTR.FREE	E3					
	NUTR.FREE	E4					
	NUTR.FREE	E5					
	FORM #1	FORM #2	FREE		DELETE		

Uni-9 and WM/IP-Ai Free

NUTRITION DATA / DETAIL (FORM) NOV.22.2019 (FR									
NUTRITION No. 1 SERVING SIZE									
SERV. PER CONT		RVING SIZI	E 2						
TOTAL FAT			TOTAL SUGAR						
SATURATED FAT			ADDED SUGAR						
TRANS FAT			PROTEIN						
CHOLESTEROL			VITAMIN D						
SODIUM			CALCIUM						
TOTAL CARBOHY.			IRON						
DIETARY FIBER			POTASSIUM						
FORM	FREE					DELETE			

Uni-5 and Uni-7 Form 1

NUTRITION DA	ATA Z DE	TAIL (FREE)	NOV.22.2019 (FRI) 14:08
NUTRITION No.	1	ERVING SIZE		
SERV. PER CONT		RVING SIZE 2		
CALORIES				
NUTR.FREE1				
NUTR.FREE2				
NUTR.FREE3				
NUTR.FREE4				
NUTR,FREE5				
FORM	FREE			

Uni-5 and Uni-7 Free

Data Format

All 2020 Nutrition data values are saved as text to support decimals, percent symbols, etc.

Data Conversion

When nutrition data are sent from SLP-5 in the old numeric format to scales and wrappers with 2020 Nutrition firmware, they are converted and stored in the 2020 text format. The appropriate unit is automatically added: g, mg, or %.

The following nutrition data from the old format that are no longer required in the new 2020 Nutrition format are saved as listed below. This allows the option to print both the original and 2020 Nutrition data and formats during a transition period.

- Calorie From Fat → Nutr.Free1
- Protein (%) → Nutr.Free2 (%)
- Sugars (%) → Nutr.Free3 (%)
- Vitamin A (%) \rightarrow Nutr.Free4 (%)
- Vitamin C (%) \rightarrow Nutr.Free5 (%)
- Sugar Alcohol \rightarrow Nutr.Free1 (%)

Important Considerations

- SLP-5 must be used to receive the old nutrition data **<u>before</u>** the update. And then send the nutrition data from SLP-5 after the update.
- It is not possible to transfer old nutrition data by USB backup to a scale or wrapper after an update to firmware that support 2020 Nutrition.
- After installing firmware that support 2020 Nutrition it is not possible to receive nutrition data in the old numeric format in to SLP-5.

Conversion Procedure

This is the step by step procedure to convert a scale or wrapper and nutrition data from the old format to the new 2020 Nutrition format.

- a. Configure SLP-5 for the original nutrition format. See section **SLP-5 2020 Nutrition Configuration** above.
- b. Create a full USB backup.
- c. Receive all data into SLP-5.
- d. Install the appropriate 2020 Nutrition firmware.
- e. Clear the machine's memory: Adjust menu > Memory Clear.
- f. Reconfigure the machine for USA, etc. as needed.
- g. Load the full USB backup. The old format nutrition data will fail to load.
- h. Send nutrition data from SLP-5 to the scale or wrapper.
- i. Reconfigure SLP-5 for the 2020 Nutrition format. See section **SLP-5 2020 Nutrition Configuration** above.
- j. Receive the converted nutrition data from the scale or wrapper.
- k. Download updated label formats as needed to print the 2020 Nutrition format.

Label Formats

- All nutrition fields in the 2020 Nutrition firmware, old and new, are variable text. If existing label formats will be used to print the old style nutrition data during a transition period, they must be updated with the nutrition fields converted from numeric format to variable text.
- An **Ext. Format** field has been added to the Uni-9 and WM/IP-Ai models to support dualcolumn 2020 Nutrition label formats. This field refers to separate label format that overlays the primary label format when more than the maximum 63 fields are required. There are two methods of overlaying a second "external" format on to the original format.
- Two methods are available to use the Ext. Format field.
 - a. Create an overlay label format that is just large enough for the required data such as a nutrition panel. Then place the Ext. Format field where needed on the main label format. This is the method Rice Lake plans to use in the updated label library files.
 - b. Create an overlay label format that is the same size as the original format. Then place the Ext. Format field at the top left corner of the main label format. That is, set the X Position as 0.0 and the Y Position as the label format height.
 - **Notes**: i. An Ext. Format button has been added to the Unit Type buttons on the left side of the SLP-5 Maintenance Utility label format editing screen. This is only available when using the default setup file provided with SLP-5 2.40t or later. If the previous setup file is selected when updating SLP-5 the Ext. Format field, as well as the 2020 Nutrition fields, will not be supported.
 - ii. The Ext. Format field can be made any size. Only the X and X coordinates are used to align the overlay label format. It is possible to set the X and X coordinates as zero to avoid confusion or unintentionally moving the field. In that case, the Ext. Format field can be edited by double clicking it in the List Units table. The List Units icon is at the top of the Maintenance Utility screen.

Standard UPC + New Nutri.	
Product Name Sell By Text Sell By Text Pack Date Text RR/ee/ff HH:MMAM HH:MMAM HH:MMAM 1 234567 890128 Label #2:	Title - Title - Weighed 99999999 Weigh NET WT. lb/oz) 99999999 99999999 PCS/0 TOTAL PRICE 99999999 99999999

Uni-9 and WM/IP-Ai External Format Field

Edit Label Unit Properties								×
Unit Type Print ID Seq. No. in Label:	28	Ext. Format None			Display in Sub-Label Sub-Label 1 Sub-Label 2 Sub-Label 3 Sub-Label 4		 Sub-Label 5 Sub-Label 6 Sub-Label 7 Sub-Label 8 	
Properties X Position Y Position		0.0		Heig Form	ht at No.	2.6	ew Nutrition (only)	
Width		9.4				2.10	ew Namon (only)	
			OK		<			

External Format Field – Linked to an Overlay Label Format

Miscellaneous

- a. If nutrition data in the incorrect format is loaded into a scale or wrapper by USB, an error occurs and no data are loaded.
- b. If the nutrition data format does not match between a scale or wrapper and SLP-5, the following results will occur.

SLP-5 Config.	Transmission	Scale / Wrapper	Result
Old nutrition	Send to	2020 nutrition	Received, converted, no error
Old nutrition	Receive from	2020 nutrition	No data, no error
2020 nutrition	Send to	Old nutrition	No data, error
2020 nutrition	Receive from	Old nutrition	No data, error

c. The "FreeX" descriptions in SLP-5 can be edited in the Setup Utility > General > Nutrition.

I General Settings	×
General #1 General #2 General #3 PLU Search Price Zones Supported Functions View Currency Convert Scale Comms. WPL-5000 Import Settings Display Settings Scale Network Status Nutrition	
Serving Size	
Servings/Container	
Form #1 Form #2 Free	
Content %	
Free4	
Free5	
ОК 🗙	