

## USB DATA COLLECTION SYSTEM

### CMW CONTROLS



### RS232 TO USB DATA STORAGE SYSTEM

#### USB DATA STORAGE SYSTEM:

- 1) INCLUDES 512MB NON-VOLATILE ONBOARD STORAGE (*Normal recording up to two years of storage*)
- 2) RECORDS STATISTICAL DATA OR INDIVIDUAL WEIGHTS (*See Samples page 5 & 6*)
- 3) ALL THE RECORDED DATA CAN BE TRANSFERRED TO A USB FLASH DRIVE FOR VIEWING ON A PC
- 4) NEW FILE CREATION BASED ON DATE / PRODUCT CODE / WEIGHT CHANGES
- 5) BATTERY BACKED REALTIME CLOCK
- 6) TIME STAMPING OF RECORDED DATA

***NOTE: OLDEST DATA WILL BE OVERWRITTEN IF ONBOARD STORAGE BECOMES FULL***

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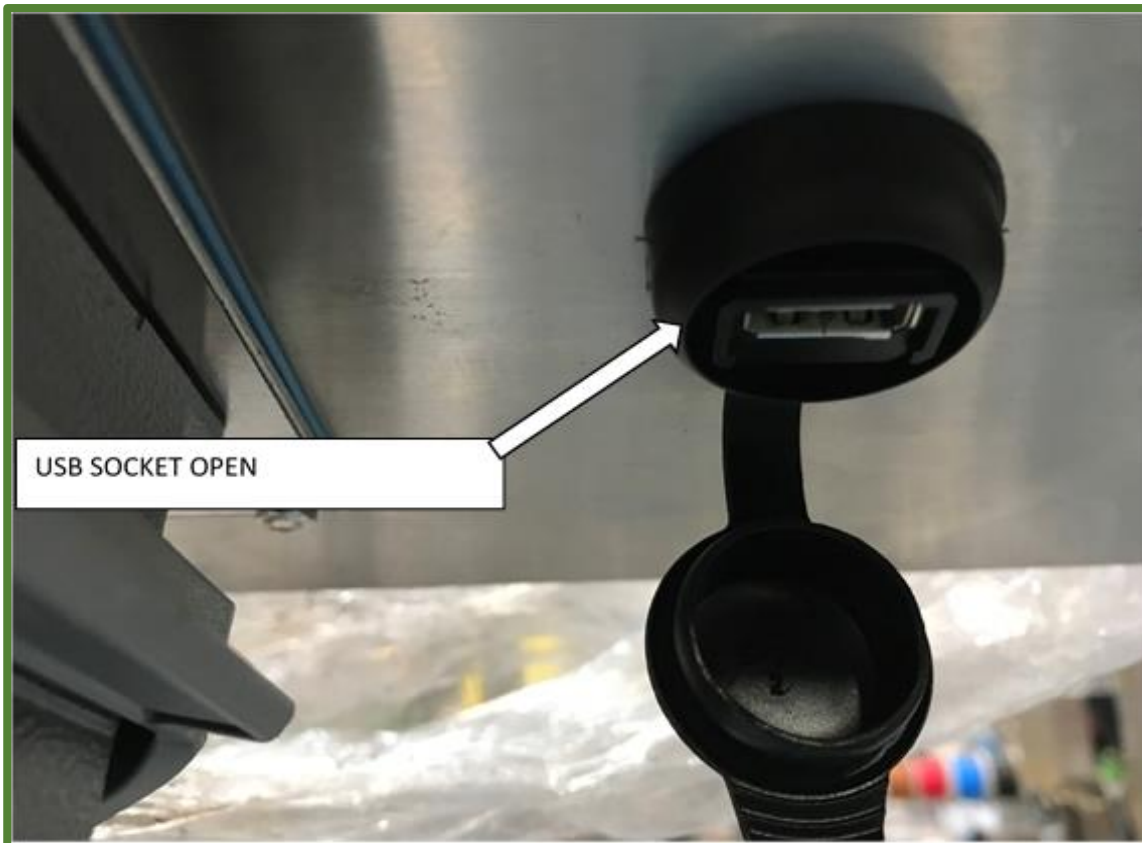
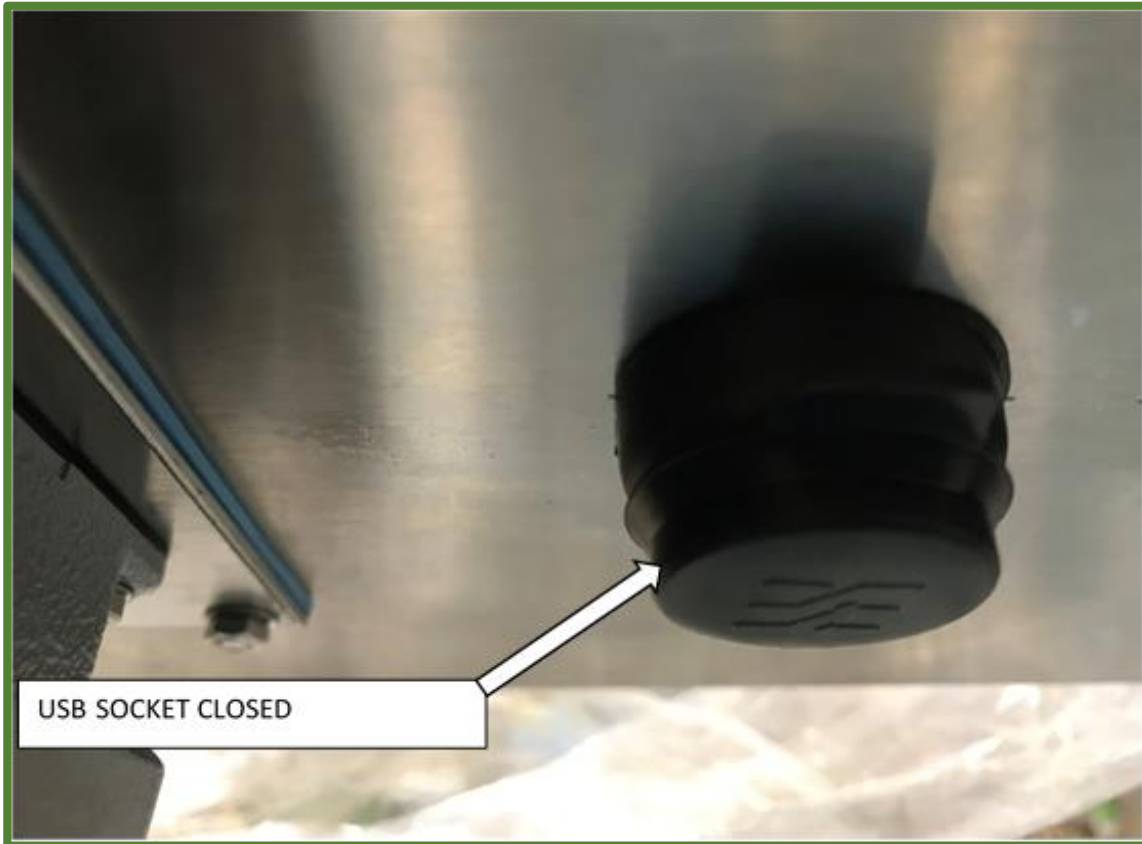
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## USB SOCKET / COVER



## USB FLASH DRIVE INSERTED



WHEN THE FLASH DRIVE IS INSERTED ALL DATA NOT ALREADY PRESENT ON THE FLASH DRIVE IS COPIED TO THE FLASH DRIVE FROM THE INTERNAL STORAGE

WHEN A USB FLASH DRIVE IS INSERTED, THE SYSTEM WILL BEGIN COPYING THE DATA (*LED FLASHING*) DEPENDING ON THE AMOUNT OF DATA TO BE COPIED THE LED MAY STOP AND RESTART FLASHING SEVERAL TIMES.

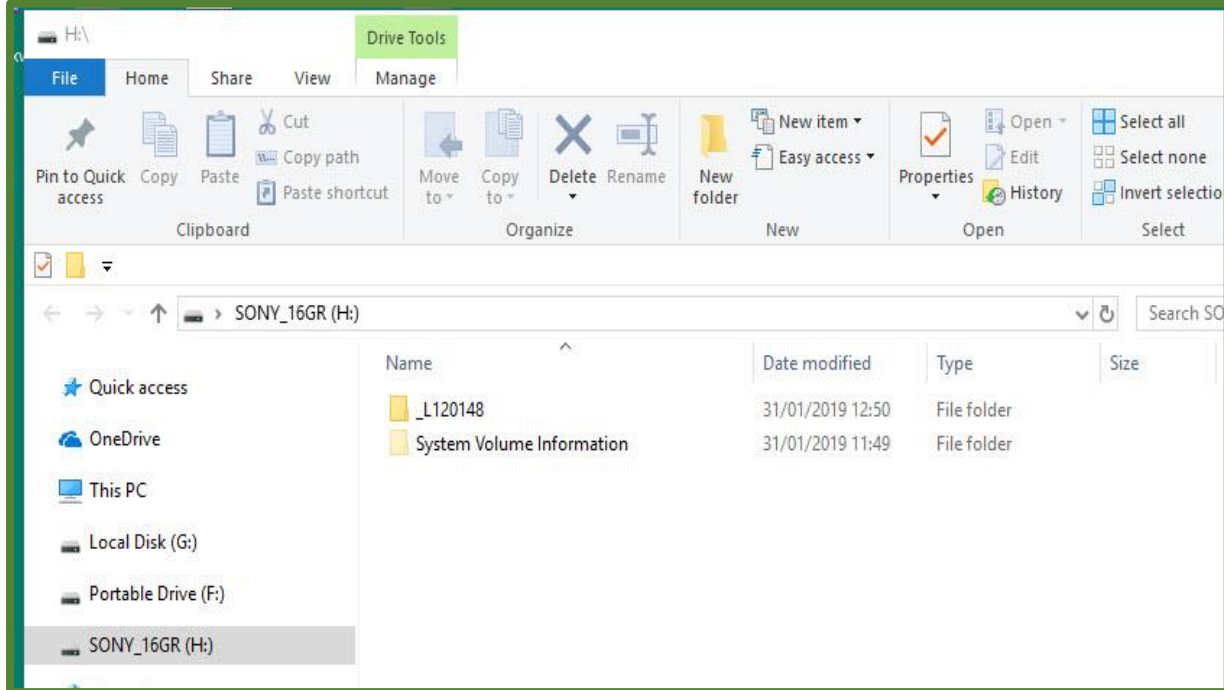
TO ENSURE ALL DATA HAS BEEN COPIED WAIT ATLEAST ONE MINUTE AFTER LED FLASHING HAS STOPPED

**NOTE:** *IF THE INTERNAL STORAGE BECOMES FULL, THE OLDEST DATA WILL BE OVER-WRITTEN*

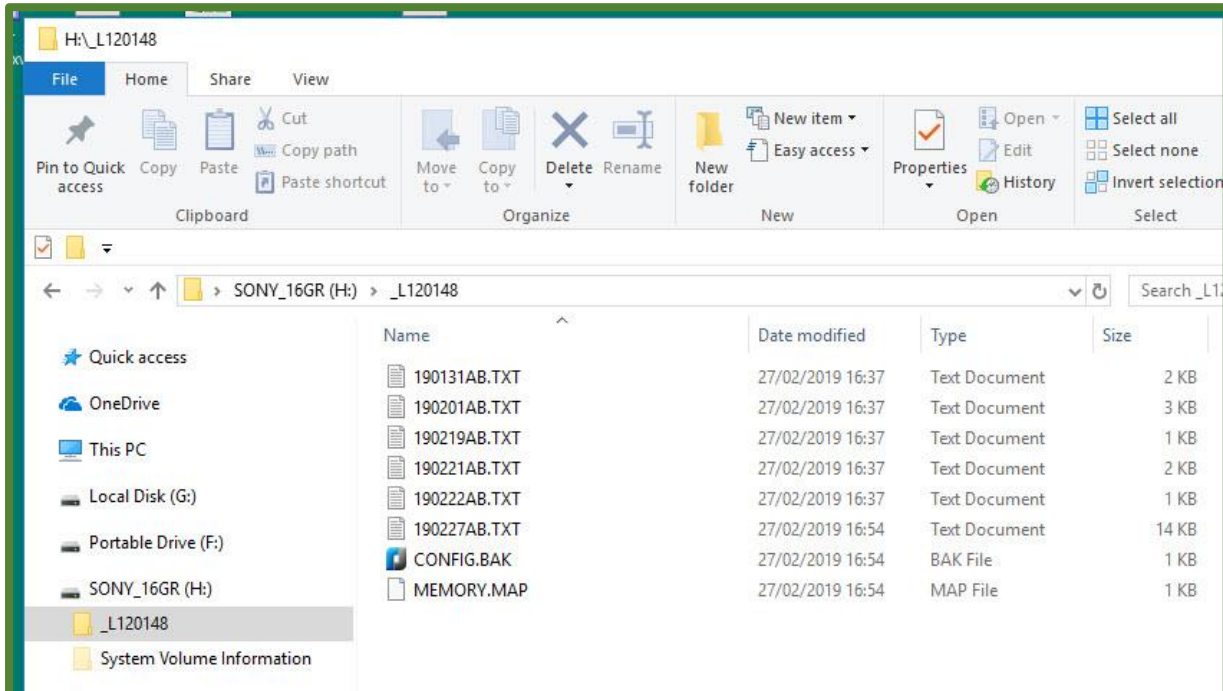


### USB FLASH DRIVE VIEWED ON WINDOWS PC

#### FILE SYSTEM IN EXPLORER (FOLDER VIEW)



#### FILE SYSTEM IN EXPLORER (FILE VIEW)



THE SYSTEM CREATES A FILE BASED ON:

1. CURRENT DATE
2. SYSTEM POWER ON
3. PRODUCT CODE CHANGE
4. PRODUCT WEIGHT CHANGE
5. REQUESTED PRINT



## STATISTICAL DATA EXAMPLES

THREE DIFFERENT PRINT / DATA COLLECTIONS:

- I. CURRENT SHIFT- REQUESTED PRINT
- II. CHANGE OF PRODUCT CODE
- III. CURRENT SHIFT STATISTICS

### Current Shift Printout Requested

CURRENT SHIFT STATISTICS  
 Last Calibrated : 12:15 21/02/19  
 Print Start Date : 15:52 27/02/19  
 Print Out Date : 15:54 27/02/19  
 Bk WeighStation v3.31  
 Machine ID : 0001  
 Product Name : TEST 1  
 Average Weight Mode  
 Overweight Limit : 104.5 g  
 Targeted Weight : 100.0 g  
 Underweight Limit: 95.5 g  
 ----- Total Production -----  
 Total - Qty : 397  
 Total Weight : 39.9 kg  
 Overweights : 0  
 Target : 397  
 Underweights : 0  
 ----- Accepted Production -----  
 Total - Qty : 397  
 Total Weight : 39.9 kg  
 Average Weight : 100.66 g  
 Standard Dev. : 0.412  
 -----Rejected Production -----  
 Total - Qty : 0  
 Total Underweight: 0  
 Total Overweight : 0

### Change of Product Printout

BATCH STATISTICS NO: 1  
 Last Calibrated : 12:15 21/02/19  
 Print Out Date : 15:56 27/02/19  
 Machine ID : 0001  
 Bk WeighStation v3.31  
 Product Name : TEST 1  
 Average Weight Mode  
 Overweight Limit : 104.5 g  
 Targeted Weight : 100.0 g  
 Underweight Limit: 95.5 g  
 ----- Total Production -----  
 Total - Qty : 397  
 Total Weight : 39.9 kg  
 Overweights : 0  
 Target : 397  
 Underweights : 0  
 ----- Accepted Production -----  
 Total - Qty : 397  
 Total Weight : 39.9 kg  
 Average Weight : 100.66 g  
 Standard Dev. : 0.412  
 -----Rejected Production -----  
 Total - Qty : 0  
 Total Underweight: 0  
 Total Overweight : 0

### CURRENT SHIFT STATISTICS

Last Calibrated : 12:15 21/02/19  
 Print Start Date : 15:57 27/02/19  
 Print Out Date : 15:59 27/02/19  
 Bk WeighStation v3.31  
 Machine ID : 0001  
 Product Name : TEST 2  
 Average Weight Mode  
 Overweight Limit : 209.0 g  
 Targeted Weight : 200.0 g  
 Underweight Limit: 191.0 g  
 ----- Total Production -----  
 Total - Qty : 100  
 Total Weight : 20.1 kg  
 Target : 100  
 Underweights : 0  
 ----- Accepted Production -----  
 Total - Qty : 100  
 Total Weight : 39.9 kg  
 Average Weight : 200.16 g  
 Standard Dev. : 0.202  
 -----Rejected Production -----  
 Total - Qty : 0  
 Total Underweight: 0  
 Total Overweight : 0



## INDIVIDUAL WEIGHTS DATA EXAMPLES

POWER ON: TIME & DATE:

INDIVIDUAL WEIGHTS INCLUDING TIME STAMPS:

Powered on at :	100.5g	15:52	101.0g	15:54	101.2g	15:56
15:49 27/02/19	100.5g	15:52	101.1g	15:54	101.2g	15:56
	100.5g	15:52	101.0g	15:54	101.2g	15:56
99.9g 15:52	100.5g	15:52	101.1g	15:54	101.2g	15:56
100.2g 15:52	100.6g	15:52	101.1g	15:54	101.2g	15:56
100.2g 15:52	100.6g	15:52	101.0g	15:54	101.2g	15:56
100.2g 15:52	100.5g	15:52	101.1g	15:54	101.2g	15:56
100.3g 15:52	100.5g	15:52	101.1g	15:54	101.2g	15:56
100.2g 15:52	100.6g	15:52	101.0g	15:54	101.2g	15:56
100.3g 15:52	100.6g	15:52	101.1g	15:54	101.2g	15:56
100.2g 15:52	100.6g	15:52	101.1g	15:54	101.2g	15:56
100.3g 15:52	100.6g	15:52	101.1g	15:54	101.2g	15:56
100.3g 15:52	100.6g	15:52	101.1g	15:54	101.2g	15:56
100.3g 15:52	100.6g	15:52	101.1g	15:54	101.2g	15:56
100.3g 15:52	100.5g	15:52	101.1g	15:54	101.2g	15:56
100.3g 15:52	100.5g	15:53	101.1g	15:54	101.2g	15:56
100.3g 15:52	100.5g	15:53	101.1g	15:54	101.2g	15:56
100.3g 15:52	100.6g	15:53	101.1g	15:54	101.2g	15:56
100.3g 15:52	100.6g	15:53	101.1g	15:54	101.2g	15:56
100.3g 15:52	100.6g	15:53	101.1g	15:54	101.2g	15:56
100.3g 15:52	100.6g	15:53	101.1g	15:55	101.2g	15:56
100.4g 15:52	100.6g	15:53	101.1g	15:55	101.2g	15:56
100.3g 15:52	100.6g	15:53	101.1g	15:55	101.2g	15:56
100.3g 15:52	100.6g	15:53	101.1g	15:55	101.2g	15:56
100.3g 15:52	100.6g	15:53	101.1g	15:55	101.2g	15:56
100.4g 15:52	100.6g	15:53	101.1g	15:55	101.2g	15:56
100.4g 15:52	100.6g	15:53	101.1g	15:55	101.2g	15:56
100.4g 15:52	100.6g	15:53	101.1g	15:55	101.2g	15:56
100.3g 15:52	100.7g	15:53	101.1g	15:55	101.2g	15:56
100.3g 15:52	100.7g	15:53	101.1g	15:55	101.2g	15:56
100.3g 15:52	100.7g	15:53	101.1g	15:55	101.2g	15:56
100.3g 15:52	100.7g	15:53	101.1g	15:55	101.2g	15:56
100.3g 15:52	100.6g	15:53	101.1g	15:55	101.2g	15:56
100.3g 15:52	100.6g	15:53	101.1g	15:55	101.2g	15:56
100.3g 15:52	100.6g	15:53	101.1g	15:55	101.2g	15:56
100.3g 15:52	100.7g	15:53	101.1g	15:55	101.2g	15:56