

Axion Control Systems

Total ACTION Control

- > Total System Integration
- > Weight Information Systems
- > Smart Display Information Systems
- > AxiBatch Concrete Batching System
- > HLL Programming
- > Comms Interface to Legacy Systems
- > Software Product Development
- > Process Automation
- > Industrial Control Engineering



L4: 250gm CHICKEN 97.5%

L1: 250GM CHKN 98.3%
L2: 275GM BEEF 97.5%

L4: 250gm CHKN&GRVY 97.5%
L5: 250gm BF&ONION 92.3%

LINE 1: 150gm CHICKEN & GRAVY 97.5%
LINE 2: 275gm BEEF & ONION 92.3%
LINE 3: 500gm BEEF & GRAVY 94.6%
LINE 4: 275gm BEEF & ONION 92.3%



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MULTIWEIGHER 3000

Weight Information Software for Checkweighers, Scales, Balances, etc. that is truly Multi Vendor.

MultiWeigh your plant and reveal what is hidden inside your valuable weight data!

AXION

CONTROL SYSTEMS

MultiWeigher 3000

"Turns your product weight data into Production Performance Information"



Major multinational companies have already benefited from implementing MultiWeigher 3000. You can too!

MultiWeigher 3000 is a sophisticated software package that will store, analyse, display, export and print all the valuable weighing data that has been captured from up to 255 weight devices.

- ✓ Checkweighers
- ✓ Weighing Scales
- ✓ Multi-Head Weighers
- ✓ Operator Identification RFID
- ✓ Reduce Giveaways
- ✓ Generate Cost Savings
- ✓ Equipment Efficiency
- ✓ Piece Rate Payment

Checkweighers

MultiWeigher 3000 allows the user to connect up to 255 in-line dynamic checkweighers. Most checkweighers can be started and stopped remotely by MultiWeigher.

The captured data is live straight from the factory floor and is displayed in an easy to read format.

Weight Scales

MultiWeigher 3000 allows the user to connect up to a maximum of 255 weighing devices. These devices are connected by serial or Ethernet communications interfaces.

Operators

Some weight scales (for example, by A&D) are provided with a factory fitted RFID operator identification card.

Product Code	0099	Name	150g Berries	Total Weight	2061.2	Units	grams
Line Number	7	Batch No.	CS-546A	Comms Status	Comms Lost!		
Description 150 gram Berry Punnets							
Targets		Limits		Stats			
Tare	0	Lo Lo	3.0	Min	11.3	STD	39.5
Target	20.0	Lo	1.0	Max	201.3	STDP	39.1
Zero Band	0.5	Hi	1.0	Average	40.4		
Full Filling	0.0	Hi Hi	3.0	Average	No Data Avail!	Over last 50 minutes	
Counts							
Low Low Count	0	0.0 %	OK Count	20	Metal Count	0	
Low Count	9	17.6 %	Reject Count	31	Duplication Count	0	
High Count	22	43.1 %	Target Count	0	Percentage Accepted	39.2	
High High Count	0	0.0 %	Total Counts	51	Crush Count	0	

The checkweigher screen shows the product being monitored, together with all of the count and statistical data.

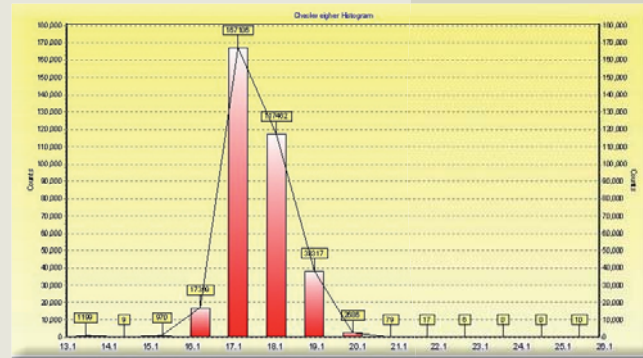
New products or product updates can be downloaded straight from MultiWeigher to the checkweighers memory.

The RFID will identify what weight scale the operator is using in the factory. This allows the user to record start and stop working times combined with a piece rates for every operator.

Benefits

MultiWeigher 3000 will help your company save money by improving your production machinery efficiency. This is achieved by monitoring and analysing all of the pack data producing detailed trend reports that will highlight product giveaway and wastage.

MultiWeigher 3000 enables your company to optimise your production staff via the use of RFID logging on and off times and the recording of piece rates.



Exporting Data

MultiWeigher 3000 puts the data back into your control. You have the ability to export all files out to either txt, dat, rtf or csv file formats. These files can be easily imported into such programs as Microsoft Excel and Open Office Calc.

Securing Your Data

MultiWeigher 3000 offers the user data backup and restore features. MultiWeigher 3000 also provides archiving features for checkweighers and scale production data.

Reports

MultiWeigher 3000 allows for user configured reports for both checkweighers and scales.

CHECKWEIGHERS

The checkweigher reporting has 15 selectable header fields.

The reports can be filtered by Date Range, Batch Code, Checkweigher, Product Code, Line Number, Total Counts, Collated Batch and Products and by shifts.

Table Properties

Select Table Number
Table 1

Table Name
Table 1

Header Size
10

Header Text Color
[White]

Header Text Background Color
[Dark Purple]

Data Text Size
10

Data Text Color
[Black]

Data Text Background Color
[Light Pink]

Bar Color
[Light Pink]

Bar Color on Error
[Black]

Weight OK Color
[Green]

Weight Hi Hi Color
[Red]

Weight High Color
[Light Red]

Weight Low Color
[Orange]

Weight Lo Lo Color
[Light Blue]

Weight Error Color
[Pink]

EXIT

Report Fields

Fields	Offset
SUMMARY_PRODUCT_NAME	0
SUMMARY_TARGET	100
SUMMARY_COUNTS_TOTAL	200
SUMMARY_COUNTS_TARGET	300
SUMMARY_COUNTS_OK	400
SUMMARY_COUNTS_REJECT	500
SUMMARY_COUNTS_METAL	600
SUMMARY_MAX	700
SUMMARY_MIN	800
SUMMARY_DATE_FINISHED	900

Close

WEIGHT SCALES

The scale report has 13 fixed title fields identifying the Product, Batch Code, Weight, Operators and Errors.

The reports are filtered by Date Range, Products Code, Batch No, Operator and Errors. A standard Operator packing report is also available.



- **Operating Systems**
Windows 7 Pro (in XP mode)
Windows XP Pro
Windows Server 2003

- **Database**
SQL Database
ANSI SQL-92
ANSI SQL-99

- **Ethernet Device Servers**
Lantronix
Moxa
Sena Technologies

- **Standard Drivers**
A&D Company
Ishida Company
Yamato Corporation
Mettler Toledo

- **Custom Drivers**
Checkweighers
Weight Scales
Balances
Indicators
Multihead Weighers

- **LED Weight Display Signs**
Ultra Bright Red LEDs
Multicoloured LEDs
Multi-line alphanumeric
Numerous Heights x Widths
Ethernet / Serial Communications
Viewable from more than 20-30m
Factory-wide Information Display Systems

