

CKW Checkweigher



Speed and cleanliness for harsh industrial & food processing environments

- Multiple configurations
- Optional internal rechargeable battery
- Has food safety certification (NSF) and supports an HACCP compliant quality system

Application Weighing (6 units), checkweighing, negative checkweighing, auto tare, totalisation, basic statistics

Display LED, user configurable, 24 segment traffic light LED Bar Graph

Operation Internal universal power supply or optional internal NiMH rechargeable battery

Communication RS232 interface, optional RS422/485 and optional AC/DC relay outputs

Construction IP66 stainless steel Indicator, 304 grade stainless steel platform pan with open architecture frame, IP67 stainless steel load cell, stainless steel column and wall bracket included

Design Features Platform with no visible threads for conformance to Food Safety standards, 20 part library indicator



Model	M APP	Capacity	Readability (d)	(e)	Platform	Item N°	Price £
CKW3R55		3 kg	0.5 g		254 mm x 254 mm	80251041	769
CKW3R55-M	•	3 kg		1 g	254 mm x 254 mm	80250421	839
CKW6R55		6 kg	1 g		254 mm x 254 mm	80251042	769
CKW6R55-M	•	6 kg		2 g	254 mm x 254 mm	80250422	839
CKW15L55		15 kg	2 g		305 mm x 305 mm	80251043	829
CKW15L55-M	•	15 kg		5 g	305 mm x 305 mm	80250423	899
CKW30L55		30 kg	5 g		305 mm x 305 mm	80251044	869
CKW30L55-M	•	30 kg		10 g	305 mm x 305 mm	80250424	939



FOR PRINTERS, CABLES AND SOFTWARE SEE P. 65-67

Accessories	Item N°	Price £
Wall Mount Bracket for CKW55	71167964	37
RS422/485 Interface kit for CKW	71167965	96
Internal rechargeable battery kit for CKW	71167966	176
Relay kit AC for CKW	71167967	229
Relay kit DC for CKW	71173377	193
Foot switch	71173378	30

Defender™ 5000 Stainless Steel



Multi-functional, high quality modular scale for washdown environments

- Full-stainless steel IP66 scale
- Multiple interface and relay options
- High resolution, user configurable up to 30 000 d

- Application** Weighing (6 units + custom unit), display hold, dynamic weighing, counting, checkweighing, percentage weighing, auto-tare
- Display** LCD display with white LED backlight plus 3 colour checkweigh LED
- Operation** Internal universal power supply or optional internal NiMH rechargeable battery
- Communication** RS232 Interface with GMP, Time-Date; optional RS422/485, AC/DC Relay, 2nd RS232
- Construction** IP66 stainless steel Indicator, 304 grade stainless steel platform pan with stainless steel form-and weld frame, IP67 stainless steel load cell, stainless steel column and wall bracket included
- Design Features** Indicator with hinged front cover for easy servicing, platform has 5 or 6 point overload stops for 150 % safe overload protection



Bench Scales

Model	M APP	RE-CHARGE	Capacity	Readability (d)	(e)	Platform	Item N°	Price £
D51XW15WR3-GB			15 kg	1 g		305 mm x 305 mm	80251811	775
D51XW15WR3-M	•		15 kg		5 g	305 mm x 305 mm	80251816	845
D51XW15WR3-MB	•	•	15 kg		5 g	305 mm x 305 mm	80500755	935
D51XW30WR3-GB			30 kg	2 g		305 mm x 305 mm	80251812	775
D51XW30WR3-M	•		30 kg		10 g	305 mm x 305 mm	80251817	845
D51XW30WR3-MB	•	•	30 kg		10 g	305 mm x 305 mm	80500756	935
D51XW60WL4-GB			60 kg	5 g		457 mm x 457 mm	80251813	879
D51XW60WL4-M	•		60 kg		20 g	457 mm x 457 mm	80251818	949
D51XW60WL4-MB	•	•	60 kg		20 g	457 mm x 457 mm	80500757	1039
D51XW150WL4-GB			150 kg	10 g		457 mm x 457 mm	80251814	879
D51XW150WL4-M	•		150 kg		50 g	457 mm x 457 mm	80251819	949
D51XW150WL4-MB	•	•	150 kg		50 g	457 mm x 457 mm	80500758	1039
D51XW300WX4-GB			300 kg	20 g		610 mm x 610 mm	80251815	1155
D51XW300WX4-M	•		300 kg		100 g	610 mm x 610 mm	80251820	1225
D51XW300WX4-MB	•	•	300 kg		100 g	610 mm x 610 mm	80500759	1315



FOR PRINTERS, CABLES AND SOFTWARE SEE P. 65-67

Accessories	Item N°	Price £
Foot switch	71173378	30
PC Cable 9 pin	80500552	54
AC Relay Option Kit	80500720	152
DC Relay Kit	80500727	132
Battery (Rechargeable Kit)	80500729	81
RS422/485 (Interface Kit)	80500731	38
RS232 (Interface Kit)	80500733	24

Defender™ 5000 Standard



OPTION

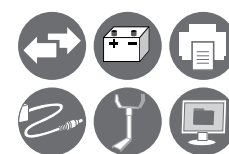
Multi-functional, high quality modular scale

- Advanced applications including dynamic and checkweighing
- Multiple interface and relay options
- High resolution, user configurable up to 30 000 d

- Application** Weighing (6 units + custom unit), display hold, dynamic weighing, counting, checkweighing, percentage weighing, auto-tare
- Display** LCD display with white LED backlight plus 3 colour checkweigh LED
- Operation** Internal universal power supply, 6 x C batteries or optional internal NiMH rechargeable battery
- Communication** RS232 Interface with GMP, Time-Date, optional RS422/485, AC/DC Relay, 2nd RS232
- Construction** ABS Indicator, 304 grade stainless steel platform pan with black polyurethane painted steel form-and-weld frame, IP67 aluminium load cell, painted steel column and wall bracket included
- Design Features** Platform with 5 or 6 point overload stops for 150 % safe overload protection



Model	APP	Capacity	Readability (d)	(e)	Platform	Item N°	Price £
D51P15QR1		15 kg	1 g		305 mm x 305 mm	72200102	569
D51P15QR1-M	•	15 kg		5 g	305 mm x 305 mm	80500828	639
D51P30QR1		30 kg	2 g		305 mm x 305 mm	72200103	569
D51P30QR1-M	•	30 kg		10 g	305 mm x 305 mm	80500829	639
D51P15HR1		15 kg	1 g		355 mm x 305 mm	72200095	575
D51P15HR1-M	•	15 kg		5 g	355 mm x 305 mm	80251826	645
D51P30HR1		30 kg	2 g		355 mm x 305 mm	72200096	575
D51P30HR1-M	•	30 kg		10 g	355 mm x 305 mm	80251827	645
D51P60HR1		60 kg	5 g		355 mm x 305 mm	72200097	575
D51P60HR1-M	•	60 kg		20 g	355 mm x 305 mm	80251828	645
D51P60QL2		60 kg	5 g		457 mm x 457 mm	72200104	669
D51P60QL2-M	•	60 kg		20 g	457 mm x 457 mm	80500830	739
D51P150QL2		150 kg	10 g		457 mm x 457 mm	72200105	669
D51P150QL2-M	•	150 kg		50 g	457 mm x 457 mm	80500831	739
D51P60HL2		60 kg	5 g		500 mm x 400 mm	72200098	660
D51P60HL2-M	•	60 kg		20 g	500 mm x 400 mm	80251829	730
D51P150HX2		150 kg	10 g		550 mm x 420 mm	72200100	750
D51P150HX2-M	•	150 kg		50 g	550 mm x 420 mm	80251831	820
D51P300HX2		300 kg	20 g		550 mm x 420 mm	72200101	750
D51P300HX2-M	•	300 kg		100 g	550 mm x 420 mm	80251832	820
D51P300QX2		300 kg	20 g		610 mm x 610 mm	72200106	955
D51P300QX2-M	•	300 kg		100 g	610 mm x 610 mm	80500832	1025



FOR PRINTERS, CABLES AND SOFTWARE SEE P. 65-67

Accessories	Item N°	Price £
Foot switch	71173378	30
AC Relay Option Kit	80500720	152
Base Mount Kit	80500722	23
DC Relay Kit	80500727	132
Battery (Rechargeable Kit)	80500729	81
RS422/485 (Interface Kit)	80500731	38
RS232 (Interface Kit)	80500733	24

Defender™ 3000 Stainless Steel

All stainless steel modular scale for washdown environments

- Sturdy tubular stainless steel platform design with high quality 304 stainless steel top plate
- IP65 stainless steel indicator
- Internal rechargeable battery

Model	M APP	Capacity	Readability (d)	(e)	Platform	Item N°	Price £
D32XW15VR-GB		15kg	2g		355 mm x 305 mm	30369110	550
D32XW15VR-M	•	15kg		5g	355 mm x 305 mm	30369111	615
D32XW30VR-GB		30 kg	5 g		355 mm x 305 mm	80252929	575
D32XW30VR-M	•	30 kg		10 g	355 mm x 305 mm	80252960	645
D32XW60VR-GB		60 kg	10 g		355 mm x 305 mm	80252930	575
D32XW60VR-M	•	60 kg		20 g	355 mm x 305 mm	80252961	645
D32XW60VL-GB		60 kg	10 g		550 mm x 420 mm	80252931	795
D32XW60VL-M	•	60 kg		20 g	550 mm x 420 mm	80252962	865
D32XW150VL-GB		150 kg	20 g		550 mm x 420 mm	80252932	795
D32XW150VL-M	•	150 kg		50 g	550 mm x 420 mm	80252963	865
D32XW150VX-GB		150 kg	20 g		650 mm x 500 mm	80252933	1080
D32XW150VX-M	•	150 kg		50 g	650 mm x 500 mm	80252964	1150
D32XW300VX-GB		300 kg	30 g		650 mm x 500 mm	80252934	1080
D32XW300VX-M	•	300 kg		100 g	650 mm x 500 mm	80252965	1150

counting is blocked on approved models *coming soon



Bench Scales

Defender™ 3000 Hybrid

The modular scale for tough industrial environments

- Sturdy tubular platform design with high quality 304 stainless steel top plate
- IP65 stainless steel indicator
- Internal rechargeable battery

Model	M APP	Capacity	Readability (d)	(e)	Platform	Item N°	Price £
D32XW15BR-GB		15kg	2g		355 mm x 305 mm	30369007	425
D32XW15BR-M	•	15kg		5g	355 mm x 305 mm	30369008	489
D32XW30BR-GB		30 kg	5 g		355 mm x 305 mm	80252917	419
D32XW30BR-M	•	30 kg		10 g	355 mm x 305 mm	80252948	489
D32XW60BR-GB		60 kg	10 g		355 mm x 305 mm	80252918	419
D32XW60BR-M	•	60 kg		20 g	355 mm x 305 mm	80252949	489
D32XW60BL-GB		60 kg	10 g		550 mm x 420 mm	80252919	465
D32XW60BL-M	•	60 kg		20 g	550 mm x 420 mm	80252950	535
D32XW150BL-GB		150 kg	20 g		550 mm x 420 mm	80252920	465
D32XW150BL-M	•	150 kg		50 g	550 mm x 420 mm	80252951	535
D32XW150BX-GB		150 kg	20 g		650 mm x 500 mm	80252921	570
D32XW150BX-M	•	150 kg		50 g	650 mm x 500 mm	80252952	640
D32XW300BX-GB		300 kg	50 g		650 mm x 500 mm	80252922	570
D32XW300BX-M	•	300 kg		100 g	650 mm x 500 mm	80252953	640

counting is blocked on approved models *coming soon



Application

Weighing (5 units), basic parts counting

Display

LCD with white LED backlight

Operation

Internal universal power supply or internal rechargeable battery (included)

Stainless steel

Operation Hybrid

Power cord (included) or rechargeable battery (included)

Communication

RS232 Interface

Construction

IP65 Stainless steel Indicator, IP67 stainless steel load cell, 304 grade stainless steel platform pan with stainless steel tubular frame, column and wall bracket

Stainless steel

Construction

IP65 Stainless steel Indicator, 304 grade stainless steel platform pan with black painted steel tubular frame, IP67 aluminium load cell, stainless steel column and wall bracket included

Hybrid

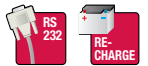
Design Features

Indicator with hinged front cover for easy servicing. 125 % safe overload protection



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Defender™ 3000 Standard



The best selling modular scale for basic industrial needs

- Sturdy tubular platform design with high quality 304 stainless steel top plate
- Approved models
- Internal rechargeable battery

Application	Weighing (5 units), basic parts counting
Display	LCD with white LED backlight
Operation	AC adaptor (supplied) or internal rechargeable battery
Communication	RS232 Interface
Construction	ABS Indicator, 304 grade stainless steel platform pan with black painted steel tubular frame, IP67 aluminium load cell, painted steel column and wall bracket included
Design Features	Platform with 5 or 6 point overload stops for 125 % safe overload protection



Model	M APP	Capacity	Readability (d)	(e)	Platform	Item N°	Price £
D31P15BR*		15kg	2g		355 mm x 305 mm	30369112	325
D31P15BR-M*	•	15kg		5g	355 mm x 305 mm	30369113	389
D31P30BR		30 kg	5 g		355 mm x 305 mm	72200167	335
D31P30BR-M	•	30 kg		10 g	355 mm x 305 mm	80250491	405
D31P60BR		60 kg	10 g		355 mm x 305 mm	72200168	335
D31P60BR-M	•	60 kg		20 g	355 mm x 305 mm	80250492	405
D31P60BL		60 kg	10 g		550 mm x 420 mm	72200169	390
D31P60BL-M	•	60 kg		20 g	550 mm x 420 mm	80250493	460
D31P150BL		150 kg	20 g		550 mm x 420 mm	72200170	390
D31P150BL-M	•	150 kg		50 g	550 mm x 420 mm	80250494	460
D31P150BX		150 kg	20 g		650 mm x 500 mm	72200171	465
D31P150BX-M	•	150 kg		50 g	650 mm x 500 mm	80250495	535
D31P300BX		300 kg	50 g		650 mm x 500 mm	72200172	465
D31P300BX-M	•	300 kg		100 g	650 mm x 500 mm	80250496	535
D31P15BR5		15kg	2g		355 mm x 305 mm	30371977	325
D31P15BR5-M	•	15kg		5g	355 mm x 305 mm	30371978	325
D31P30BR5		30kg	5g		355 mm x 305 mm	30371979	325
D31P30BR5-M	•	30kg		10g	355 mm x 305 mm	30372080	370
D31P60BR5		60kg	10g		355 mm x 305 mm	30372081	389
D31P60BR5-M	•	60kg		20g	355 mm x 305 mm	30372082	389
D31P60BL5		60kg	10g		550 mm x 420 mm	30372083	389
D31P60BL5-M	•	60kg		20g	550 mm x 420 mm	30372084	435

Counting is blocked on approved models *coming soon

Accessories	Item N°	Price £
In-Use-Cover	30101017	10

Accessories available for all Defender Series

Accessories	Item N°	Price £
Wheel Kit, Defender Series*	30372146	39

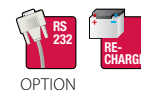
*coming soon



Accessories which are suitable for all Defender scales and Terminals equipped with RS232

Accessories	Item N°	Price £
Interface Kit, RS232-USB	30304101	46
Interface Kit, RS232-Ethernet	30304102	68

Defender™ 2000



OPTION

The best basic modular scale for dependability and durability at affordable price

- The polished 430 stainless steel platform with painted carbon steel frame
- Plastic LED indicator
- Internal rechargeable battery

- Application** Weighing (kg, g), basic parts counting
- Display** Red LED
- Operation** AC adaptor (supplied) or internal rechargeable battery
- Communication** RS232 Interface (accessory)
- Construction** ABS Indicator, 430 grade stainless steel platform with painted steel tubular frame, IP65 aluminium load cell
- Design Features** Hardware configuration lockout switch, battery saving auto-off, externally visible level bubble, down-stops for overload protection



Model	Capacity	Readability (d)	Platform	Item N°	Price £
D24PE30FR	30 kg	5 g	300mm x 350mm	30235922	235
D24PE60FR	60 kg	10 g	300mm x 350mm	30235927	235
D24PE60FL	60 kg	10 g	400mm x 500mm	30235932	265
D24PE150FL	150 kg	20 g	400mm x 500mm	30235937	265
D24PE150FX	150 kg	20 g	500mm x 600mm	30235942	355
D24PE300FX	300 kg	50 g	500mm x 600mm	30235947	355
D24PE300FV	300 kg	50 g	600mm x 800mm	30235952	639
D24PE600FV	600 kg	100 g	600mm x 800mm	30235957	639

Accessories	Item N°	Price £
RS232 Kit	30101019	15
Folding Column Kit	30101016	22
In-Use-Cover	30101017	10
Load Cell Cable Adapter Kit	30101021	10
SF40A Impact Printer	30064202	373



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Catapult™ 5000

NEW **COMING SOON**

OPTION OPTION
RS 232 RE-CHARGE

The Heavy-Duty Shipping Scale that Combines Utility and Durability

- Large stainless steel platform for weighing heavy loads and packages of varying sizes
- Bright LED indicator
- Versatile data transfer and power options



- Application** Weighing, Dynamic/Display Hold, Accumulation
Display 6-digit, 7-segment red LED
Operation AC adapter (included) or rechargeable lead acid battery (optional)
Communication Optional RS232
Construction ABS plastic indicator housing, stainless steel platform
Design Features Mounting bracket, painted steel frame, tactile mechanical keys, low-profile design, hardware configuration lockout switch, user-selectable span calibration points, averaging level, auto zero-tracking, auto shut-off



Model	Capacity	Readability (d)	Platform	Item N°	Price £
C51XE6R	6kg	2g	310 mm x 270 mm	30369349	205
C51XE30R	30kg	10g	310 mm x 270 mm	30369650	205
C51XE50R	50kg	20g	310 mm x 270 mm	30369651	205
C51XE200R	200kg	100g	310 mm x 270 mm	30369652	205
C51XE30L	30kg	10g	400 mm x 520 mm	30369653	315
C51XE50L	50kg	20g	400 mm x 520 mm	30369654	315
C51XE100L	100kg	50g	400 mm x 520 mm	30369655	315
C51XE200L	200kg	100g	400 mm x 520 mm	30369656	315
C51XE30X	30kg	10g	600 mm x 900 mm	30369657	370
C51XE50X	50kg	20g	600 mm x 900 mm	30369658	370
C51XE100X	100kg	50g	600 mm x 900 mm	30369659	370
C51XE200X	200kg	100g	600 mm x 900 mm	30369660	370



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Accessories	Item N°	Price £
RS232 Kit	30101019	15
In-Use Cover	30101017	10
SF40A Impact Printer	30064202	373
Lead Acid battery, 6V4AH	30251812	30