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Laboratory Balance

advance and standard level



### FEATUREES:

- Automatic internal calibration with built in weight
- A built in under hook for below weighing system ( optional)
- Easy to read LCD Display with back light
- Density measurement for solid and liquid (optional)
- Standard RS 232 C interface
- Bases on E.M.F.C. Technology
- S.S. Weighing Pan, Level Indicator, Adjustable Fit
- Full tare range up to max. Capacity of the Balance



### TECHNICAL DATA

MODEL NO.	DWS-265	DWS-285
Max Capacity	60/220g	80/220g
Readability (acc)	0.01/0.1mg	0.01/0.01mg
Tare Range	Full	
Repeatability	± 0.03/0.1mg	
Linearity	± 0.07/0.2mg	
Pan Size	85ømm	
Stabilization Time	6/4sec	
Communication	Interface 2 x Rs232, Type A, Type B, USB optional Wifi	
Calibration	Internal Calibration	
Weighing Units	Multi weighing Units	
Power	230v / 11V AC or 120V / 11v AC	
Display	LCD DISPLAY WITH Back Light	
Working temperature	10°C - 40°C	
Net weight & gross weight	5.6/8.3kg	



## Standard Features

- Automatic Internal Calibration
- A built in under hook for below weighing system (Optional)
- Easy to read LCD Display with back light
- Density measurement for solid and liquid (Optional)
- Standard RS 232 C Interface
- Based on E.M.F.C. Technology
- S.S. Weighing Pan, Level Indicator, Adjustable Fit
- Full tare range up to max. Capacity of the Balance



## TECHNICAL DATA

Model No.	DWS-124C	DWS-224C	DWS-314C
Max Capacity	120 g	220 g	310 g
Readability	0.1mg	0.1mg	0.1mg
Tare range	Full		
Repeatability	0.1 mg		
Linearity $\pm$	$\pm 0.2$ mg		
Pan size	90 $\phi$ mm		
Stabilization Time	3-4 Sec		
Communication	RS 232 Interface		
Calibration	Internal Calibration		
Weight Units	Multi weighing units		
Power	230 V / 11V AC or 120V/ 11V AC		
Display	LCD Display with back light		
Working Temperature	10°C - 40°C		
Net weight & gross weight	5.6/8.3 kg		

(WITH EXTERNAL CALIBRATION)



## STANDARD FEATURES:

- Automatic External calibration
- A built in under hook for below weighing system (optional)
- Easy to read LCD Display with back light
- Density measurement for solid and liquid (optional)
- Standard RS 232 C interface
- Based on E.M.F.C Technology
- S.S. Weighing Pan, Level Indicator, Adjustable Fit
- Full tare range up to max. Capacity of the Balance



## TECHNICAL DATA

MODEL NO.	DWS- 124	DWS- 224	DWS- 314
Max Capacity	120g	220g	310g
Readability (acc.)	0.1mg	0.1mg	0.1mg
Tare Range	Full		
Repeatability	±0.1mg		
Linearity	±0.2mg		
Pan Size	85x85mm		
Stabilization time	3.4 sec		
Communication	RS232 Interface & USB		
Calibration	External Calibration		
Weighing Units	Multi weighing Units		
Power	230 V / 11V AC or 120V / 11V AC		
Display	LCD DISPLAY WITH Back Light		
Working temperature	10°C - 40°C		
Net weight & gross weight	5.6/8.3kg		



## Standard Features

- Automatic Internal & External Calibration
- Multifunction Weighing Units
- A built in under hook for below weighing (optional)
- Easy to read LCD Display with Back Light
- Density measurement (Optional)
- Standard RS 232 Interface
- High Resolution, Quick Weighing, Accurate Result
- Based on E.M.F.C. Technology



## TECHNICAL DATA

Model No.	DWS - 360C	DWS - 510C	DWS - 600C	DWS - 750C	DWS - 1000C
Max Capacity	360g	510g	600g	750g	1000g
Readability (acc.)	0.001g	0.001g	0.001g	0.001g	0.001g
Tare Range	Full				
Repeatability	± 0.001g				
Linearity	± 0.002g				
Pan Size	128x128mm				
Stabilization	2sec				
Communication	Rs232 Interface & USB				
Calibration	Internal Calibration				
Weighing Units	Multi weighing Units				
Power	230v/11vAC or 120v /11v AC				
Display	LCD DISPLAY Back Light				
Working temperature	10°C - 40°C				

## TECHNICAL DATA

Model No.	DWS-3500c	DWS-4500c	DWS-6000c
Max Capacity	3500g	4500g	6000g
Readability (acc.)	0.01g	0.01g	0.01g
Tare Range	Full		
Repeatability	± 0.001g		
Linearity	± 0.002g		
Pan Size	195x195mm		
Stabilization	2 sec		
Communication	Rs232 Interface & USB		
Calibration	Internal Calibration		
Weighing Units	Multi weighing Units		
Power	230v/11vAC or 120v /11v AC		
Display	LCD DISPLAY Back Light		
Working temperature	10°C - 40°C		



### Standard Features

- Halogen lamps based technology which is useful for removing Moisture from entire area of the sample.
- Drying profile (Standard, Mild, Step, Rapid).
- Easy to Read LCD Display with backlit
- GLP / GMP , Printout and Reports (optional)
- User friendly Visualization display for process of drying.
- User selected Periodic completion for heating
- Simplified keys for easy programming.
- User friendly operations with selectable temperature & time for analysis.
- Built-in RS232C Interface for PC or Printer.
- Improved Repeatability For Better Results.



### TECHNICAL DATA

Model No.	DWS-60MB	DWS-120MB
Max Capacity	60g	120g
Readability	0.001g	0.001g
Tare range	Full	
Accuracy of moisture reading	0.01%	
Moisture readout repeatability	±0.24% (sample < 2g), ±0.06% (sample 2-10g), ± 0.04% (sample > 10g)	
Maximal height of the tested sample	h= 20 mm	
Heating module	halogen	
Pan size	90ømm	
Range of drying temperature	Max. 160° C	
Communication	RS 232 Interface	
Drying modes	Storing 20 Drying Programs	
Drying graph	Drying graph display	
Power	230 V AC or 120V AC	
Display	LCD Display with back light	
Working Temperature	10°C - 40°C	
Net weight & gross weight	4.9/7 kg	



## Standard Features

- Automatic External Calibration
- 2,00,000 internal resolutions.
- Easy to read LCD display with backlight;
- Multifunction weighing unit as like g, ct, etc.
- Full tare Range up to max capacity of the balance
- Counting weighing functions
- Standard RS 232 Interface
- S.S. Weighing Pan, Level Indicator, Adjustable Fit
- Inbuilt rechargeable battery for continuous use (optional)
- Zero tracking function



### TECHNICAL DATA

Model No.	DWS-203	DWS-223	DWS-303	DWS-503	DWS-1003
Max Capacity	200g	220g	300g	500g	1000g
Readability (g)	0.001g	0.001g	0.001g	0.001g	0.001g
Tare Range	Full				
Repeatability	± 0.001g				
Linearity	± 0.002g				
Pan Size	85ø mm				
Stabilization time	2-3sec				
Communication	RS 232				
Calibration	Automatic External Calibration				
Weighting Units	Multi weighing Units				
Power	DC9V/500mA or 6v/1.3Ah rechargeable battery (optional)				
Display	Large LCD DISPLAY With Back Light				
Working temperature	10°C - 40°C				



### Standard Features

- Automatic external calibration
- Easy to read LED/LCD display with backlight
- Multi weighing unit like g, ct, gsm, etc.
- Full tare range up to max. capacity of the balance
- Piece counting and Gsm weighing unit
- Standard RS 232 C interface
- S.S. Weighing Pan, Level Indicator, Adjustable Fit
- Inbuilt rechargeable battery for continuous use
- Zero Tracking function
- Low-battery indication



### TECHNICAL DATA

Model No.	DWJ-302	DWJ-602	DWJ-1002
Max Capacity	300g	600g	1200g
Readability (acc.)	0.01g	0.01g	0.01g
Tare Range		Full	
Repeatability		± 0.01g	
Linearity		± 0.02g	
Pan Size	120ømm		
Stabilization time	2sec		
Communication	RS 232 Interface		
Calibration	Automatic External Calibration		
Weighing Units	Multi weighing Units		
Power	DC9v/500ma or 6v/1.3Ah rechargeable battery(optional)		
Display	LCD DISPLAY WITH Back Light		
Working temperature	10°C - 40°C		



**Standard Features**

- Automatic external calibration
- Easy to read LED/LCD display with backlight
- Multi weighing unit like g, ct, gsm, etc.
- Full tare range up to max, capacity of the balance
- Piece counting and Gsm weighing unit
- Standard RS 232 C interface
- S.S. Weighing Pan, Level Indicator, Adjustable Fit
- Inbuilt rechargeable battery for continuous use
- Zero Tracking function
- Low-battery indication



CAL EXT  
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 FORM  
 PCS  
 Unit  
 PC RS 232  
 ISO 9001

**TECHNICAL DATA**

Model No.	DWJ-3002	DWJ-5002	DWJ-3001	DWJ-6001
Max Capacity	3000g	5000g	3000g	6000g
Readability (acc.)	0.01g	0.01g	0.1g	0.1g
Tare Range		Full		
Repeatability		± 0.01g		
Linearity		± 0.02g		
Pan Size		155 x 175 mm		180x180mm
Stabilization time		2sec		
Communication		RS 232 Interface		
Calibration		Automatic External Calibration		
Weighing Units		Multi weighing Units		
Power		DC9v/500ma or 6v/1.3Ah rechargeable battery(optional)		
Display		LCD DISPLAY WITH Back Light		
Working temperature		10°C - 40°C		



### Standard Features

- Automatic External calibration
- Easy to read LCD Display
- Multifunction weighing unit as like g, ct, etc.
- Full tare Range up to max capacity of the balance
- Zero Tracking function
- Low Battery Indication



Unit    PC RS 232    ISO 9001

### TECHNICAL DATA

Model No.	DWJ-500	DWJ-1000 CB	DWJ-3000 CB
Max Capacity	500g	1000g	3000g
Readability (acc.)	0.01g	0.1g	0.1g
Pan Size	120mm	155 x 155mm	155 x 155mm
Display		LCD Display	

### BABY SCALE

Model No.	DWJ-20BS
Max Capacity	20kg.
Readability (acc.)	10g.
Display	LCD Display



## FEATURES:

- Auto External Calibration
- 100,000 High resolution
- LED / LCD Display
- Auto power save mode
- Inbuilt Rechargeable Battery
- Low battery indication
- Optional RS 232 Interface
- Tare Range Facility



## TECHNICAL DATA

Model no	DWJ-6H	DWJ-10H	DWJ-20H
Max Capacity	6kg	10kg	20 kg
Readability (g)	0.1g	0.1g	0.1g
Pan Size	220 x 270 mm	220 x 270 mm	220 x 270 mm
Display		LED / LCD Display	



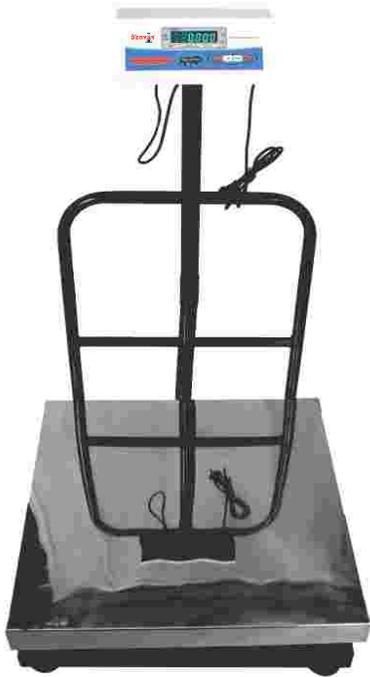
### FEATURES:

- Auto External Calibration
- 30,000 High resolution
- LED Display
- Auto power save mode
- Inbuilt Rechargeable Battery
- Low battery indication
- Optional RS 232 Interface
- Tare Range Facility



### TECHNICAL DATA

Model no	DWJ -3	DWJ -10	DWJ -30
Max Capacity	3 kg	10kg	30 kg
Readability (g)	0.1g	0.5g	1g
Pan Size	190X240 mm	200 x 300 mm	200 x 300 mm
Display		LED Display	



### FEATURES:

- Auto External Calibration
- 30,000 High resolution
- LED Display
- Auto power save mode
- Inbuilt Rechargeable Battery
- Low battery indication
- Optional RS 232 Interface



### TECHNICAL DATA

MODEL NO.	DWP-60	DWP-100	DWP-150	DWP-300	DWP-500	DWP-1000
Max Capacity	60kg	100kg	150kg	300kg	500kg	1000kg
Readability (acc.)	5g	10	20	20	50	100g
Pan Size	400X400 mm	400X400 mm	500X500 mm	600X600 mm	750X750 mm	1000X1000 mm
Display	LED Display					



# ANALYTICAL WEIGHT BOX

- OIML Standard Weights - Class M1, F2, F1  
304 Stainless Steel
- OIML Standard Weights - Class E2, E1  
316 Stainless steel
- One or two pieces of same material for M1, F2, F1
- Cylindrical with knob
- Mirror Polish
- Aluminum alloy box
- Tweezer



## OIML R111 Tolerance Table ( + mg )

Demomination	E1	E2	F1	F2
50 kg	25	80	250	800
20 kg	10	30	100	300
10 kg	5.0	16	50	160
5 kg	2.5	8.0	25	80
2 kg	1.0	3.0	10	30
1 kg	0.5	1.6	5.0	16
500g	0.25	0.8	2.5	8.0
200 g	0.10	0.3	1.0	3.0
100 g	0.05	0.16	0.5	1.6
50 g	0.03	0.10	0.3	1.0
20 g	0.025	0.08	0.25	0.8
10 g	0.020	0.06	0.20	0.6
5g	0.016	0.05	0.16	0.5
2g	0.012	0.04	0.12	0.4
1g	0.010	0.03	0.10	0.3
500 mg	0.008	0.025	0.08	0.25
200 mg	0.006	0.020	0.06	0.20
100 mg	0.005	0.016	0.05	0.16
50 mg	0.004	0.012	0.04	0.12
20 mg	0.003	0.010	0.03	0.10
10 mg	0.003	0.008	0.025	0.08
5 mg	0.003	0.006	0.020	0.06
2 mg	0.003	0.006	0.020	0.06
1 mg	0.003	0.006	0.020	0.06





RS-232-CABLE



DENSITY KIT



PRINTER



PRINTER



INDICATOR



Pocket & Hanging Scale



## **DENVAR WEIGHING SYSTEMS**

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