

SI-810

System Indicator

Essae®
...for Excellence

System Indicator - A new generation solution to automate and improve the efficiency of all your weighing operations !



Lot more than a weighing scale...



Pharma



Dairy



Logistics



Food Processing



Manufacturing



Single loadcell platform scale

Capacity (kg)	Accuracy (g)	Platform size (mm)	Loadcell	Framework	Platter
6/15/30	0.5/1/2	400 x 400	Aluminium	MS	SS
50/150	5/10	450 x 450	Tool steel-IP67		SS-304
150/300	10/20	550 x 650			SS
300	20	600 x 600			MSC
300	50	700 x 800			MS
300	20	700 x 800			SS/MS
300/600	20/50	700 x 800			

Concentrated Platform

Capacity (kg)	Accuracy (g)	Platform size(mm)	Loadcell	Framework	Platter
50/60/100/150	5/5/10/10	450 x 550	Tool steel-IP67	SS-304/316	SS-304/316
100/150/300	10/10/20	550 x 650		SS-304	SS-304
300/600	20/50	700 x 800			

Single loadcell bench scale

Capacity (kg)	Accuracy (g)	Platform size(mm)	Loadcell	Framework	Platter
3/6/15/30	0.2/0.5/1/2	360 x 276	Aluminum	SS-304	SS-304
6/15/30	0.5/1/2	360 x 276	Tool Steel-IP67		SS-304/316
6/15/30	1/1/2	400 x 400			

Single loadcell table top

Capacity (kg)	Accuracy (g)	Platform size(mm)	Loadcell	Framework	Platter
1.5/3/6/15	0.1/0.2/0.5/1	205 x 250	Aluminum	SS-304	SS-304

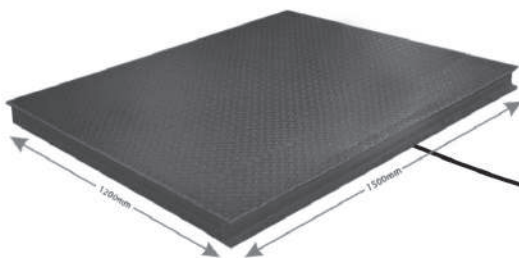
Four loadcell platform scale

Capacity (kg)	Accuracy (g)	Platform size (mm)	Loadcell	Framework	Platter
600	50	700 x 800	Tool steel-IP67	MS	MSC
600/1000/1500/2000/3000/6000	100/200/200/500/500/1000	1000 x 1200 1200 x 1500/1500 x 1800			
600/1000/1500	100/200/200	1000 x 1200 / 1200 x 1500		SS-304	SS-304

Accessories

Ramp Size (mm)	Capacity (kg)	Ramp Size (mm)	Capacity (kg)
1200 x 1000 mm, MSC	600 to 3000	1200 x 1000 mm, SS-304	600 to 3000
1500 x 1000 mm, MSC	600 to 3000	1500 x 1000 mm, SS-304	
1800 x 1000 mm, MSC	600 to 3000	1800 x 1000 mm, SS-304	

Note: All the capacity are Single Accuracy



- Wide platform range to suit customer needs for higher capacity
- Rugged/Sturdy platforms in both SS/MS size to suit customer application

For below application refer Concentrated Load Platform Scale price list



Platform type



Bench type



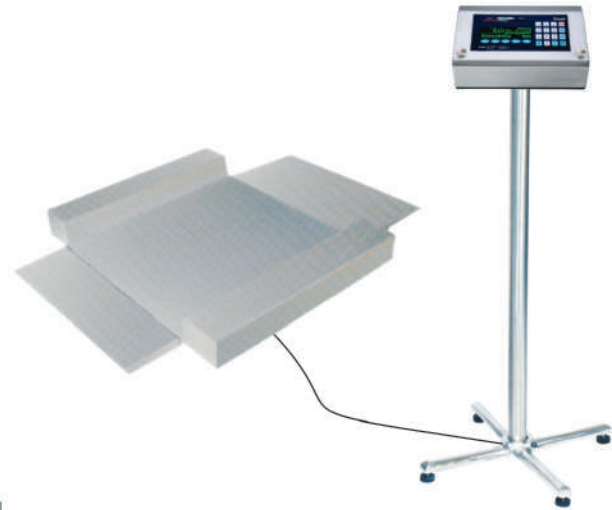
Table Top



Technical Specification

Low profile platform scale

- Fully Stainless Steel
- Ideal for Pharma and chemical industries
- Weightment area height is 45 mm $\pm$ 5 mm (600 x 600, 850 x 850)
Weightment area height is 60 mm $\pm$ 5 mm (1250 x 1250, 1500 x 1500)
- Ease of movement of Container / Trolley
- Size to suit customer applications



Accessories

Capacity (kg)	Accuracy (g)	Platform size (mm)
150/300/600	20/50/100	600 x 600
150/300/600	20/50/100	850 x 850
600/1000/1500	100/200/200	1250 x 1250
600/1000/1500	100/200/200	1500 x 1500

Ramp Size (mm)	Capacity (kg)
600 x 230	150 to 600
850 x 230	150 to 600
1250 x 455	600 to 1500
1500 x 455	600 to 1500

Technical specifications

Weighing units	g, kg, litre, carat (selectable)
Calendar / clock	Date / time available through in-built RTC
Weight recording	Automatic or manual
Printing data	Bill print (for each transaction) & List print (summary reports)
Memory	4 MB Flash (optionally expandable upto 8 MB), 25,000 transaction records
Display type	Graphical Dot-matrix LCD, 256 x 64 pixels
Centre	2 x RS-232 serial
	USB 2 x Port (for keyboard or barcode scanner)
	2 x Relay output with 15 V DC
Optional interfaces	Flame proof with CIMFR certified for Zone I and Zone II
	Wifi (Range up to 20 m line of sight)
	4-20 mA
	1 x USB Host interface (pendrive)
Others	External scale / balance interface through RS-232, only for selected
	Essae models

Factory Options



FLP Enclosure



Tower Lamp

Sample List Print format 1 :

Essae-Teraoka Pvt Ltd
Bangalore

Sl.No	Product Name	Date	Time	Tare Wt	Net Wt	Gross Wt	Quantity	Remark
1	M3X6 shim screw	19-09-2009	13:43	0.250	0.241	0.491	10	LOW
2	M3X8 shim screw	19-09-2009	13:44	0.000	1.476	1.476	6033	HIGH
3	M3 hex nut	19-09-2009	13:44	0.100	1.380	1.480	3115	HIGH
4	M4 spring washer	19-09-2009	13:45	0.500	0.483	0.983	9662	HIGH
5	M6 rubber leg	19-09-2009	13:46	0.987	0.494	1.481	1501	HIGH
6	M8 hex nut	19-09-2009	13:46	0.250	1.234	1.484	4001	HIGH
				2.087	5.308	7.395	24322	

Thank you

Sample Bill Print format 1 :

Essae Teraoka Pvt Ltd
Bangalore

Sl.No : 1
Product Name : M3X6 shim screw
Date : 19-09-2009
Time : 13:43
Tare Wt : 0.250 kg
Net Wt : 0.241 kg
Gross Wt : 0.491 kg
Quantity : 10 pcs
Remark : LOW

Thank you

Sample List Print format 2 :

CADILLA HEALTH CARE
Zydus Towers, Satellite Cross Road
Ahmedabad

Date : 17-03-2010
Product Name : Influenzum 2005
Batch No : 1235
OP.Name : Sriram
Sample Size : 993
Min : 0.100 Max : 0.200

Sl.NO	NET WT	Remarks
132	0.253	HIGH
133	0.254	HIGH
134	0.258	HIGH
135	0.259	HIGH
136	0.153	OK
137	0.098	LOW

Total : 1.275

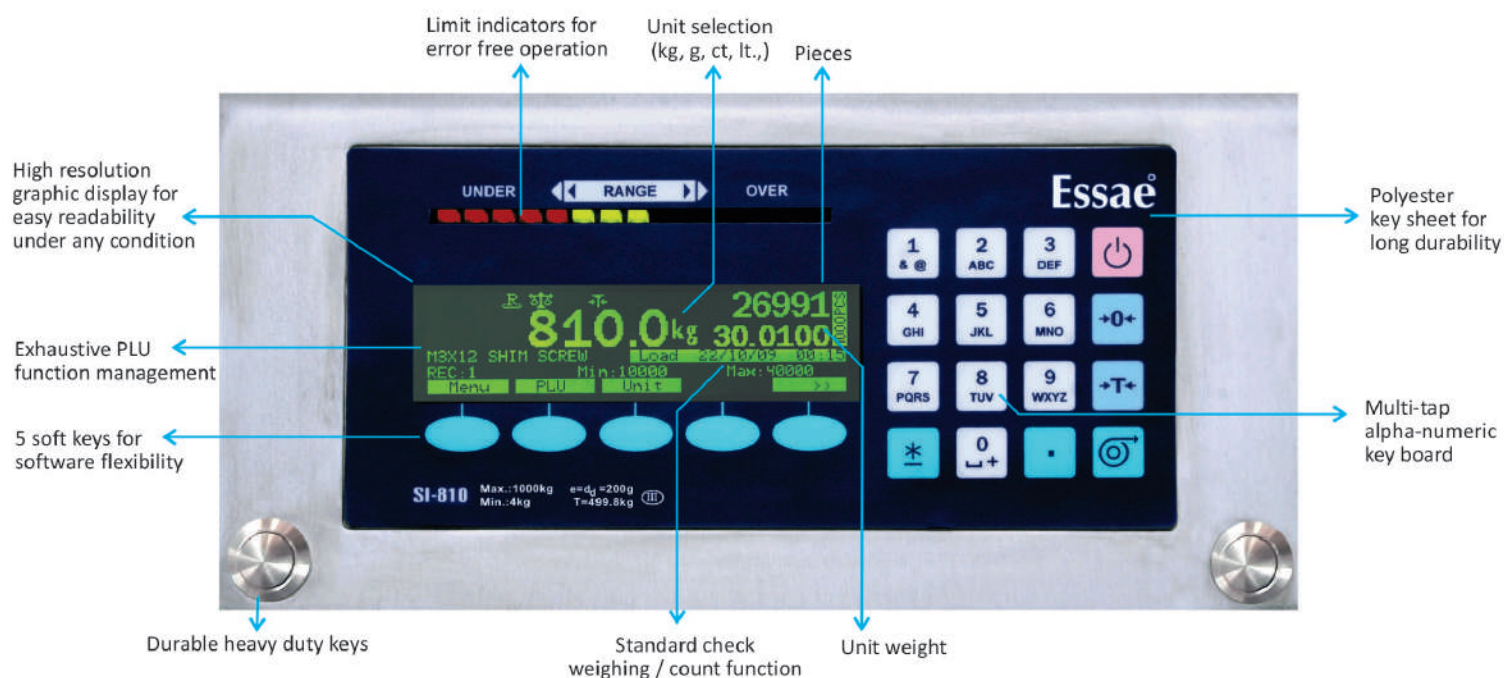
Avg Net Wt : 0.253
Lowest Wt : 0.098
Highest wt : 0.259
Std Dev : 0.069
Variance : 0.004
Rel.Deviation: 0.327
No.Of Low : 1
No Of OK : 1
No Of High : 4

Special features

- 32-bit ARM processor and 24-bit precision delta-sigma ADC
- Selectable filter and stability settings for any weighing application
- Automatic self-diagnostic function for easy trouble shooting
- Wide variety of configurable printing formats and reports
- Cloning the scale configuration and data for faster and reliable replacement
- Compatible ERP scale server
- User-friendly interactive menus

- Secure access control through passwords in software
- Optional second platform and external scale/balance interface
- Windows based PC application software (Compatible for Serial & Ethernet port)
- Functionality :
 - PLU manager
 - File manager
 - Field manager
 - Scale management. etc.,

Basic weighing/Counting version : OS Support Windows XP / 7 / 8



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Note: The above model meets the statutory and regulatory requirements as per the provision of legal metrology Act 2009 and legal metrology (General) Rule, 2011. Specifications are subject to change without notice. Other names and logos used are property of respective brands.