



19eS2 Series is a robust, durable and economical solution for various weighing tasks. Designed according to IP 66, it is designed for meet light wash-down hygienic requirements.

It is programmed to provide fast, easy, reliable and straightforward operation to meet an extraordinary wide range of applications no matter as a standalone unit or incorporated in an integrated weighing system.

Functions

- Static, Dynamic & Animal Weighing, Piece Counting, Peak Hold and Add-Tare-Memory (ATM) & Remove-Tare-Memory (RTM) Function
- Manual, Preset, Auto, Repetitive and Continuous Tare Operation
- Continuous Tare with Configurable Delay Time before Tare Action
- Weight and Quantity Check Mode
- Quick Access PLUs for Weight Limits, Quantity Limits and Preset Tare Values
- Direct PLUs for Customer & Product Codes
- Check Result Control for Accumulation, Data Printout & Data Output
- Keypad Lock Function
- Support Single Range, Dual Range and Dual Interval Operation
- Automatic Statistic and Standard Deviation Calculation & Printout for up to 300 Transactions
- Configurable Optical Key

Platform Features

- SUS #304 Stainless Steel Structure
- Rugged Structure for Harsh and Rugged Environment
- Complete Sealed Design Platform to Prevent Liquid Penetration
- Overload Protection Devices to Withstand Shocks & Overloads
- Aluminum Load Cell to Increase Accuracy



Versatility, Functionality and Accuracy are always Built-in

19eS2 Stainless Steel Multi-Function Bench Scales Series

Indicator Features

- Completely Sealed Heavy Duty all SUS #304 Stainless Steel Housing. Designed according to IP66
- Full Numeric Keypad
- Customer & Product Code Input through Serial Scanner or Keypad
- Customer & Product Code Support Numbers, Alphabets and Selected Symbols & Characters
- Support External [Zero], [Tare] and [Print/M+] Key Input through Scanner
- Configurable Tri-Color Check Result Light Bar
- Configurable Keypad, Check & System Buzzer
- 2 x Independently Configurable Bi-Direction Serial Comports. Selectable TTL Output for Comport 1
- 6 x 25mm LED Numeric Digits
- Zero, Gross, Net, Weight Unit, Memory & Lo Battery Level & Recharge Status Indicators
- Watchdog System to Prevent Damages caused by Load Cell Short-circuit
- Smart Charging Circuits
- Real Time Clock



Management Features

- Configurable Machine ID, Machine Group and Operator Number to Enhance Ease of Multi-Scales Applications and Management Records
- Support Inquiry, Setting and Execution Commands through PC
- All Current Operation Results Output in Database Format Increases Ease & Efficiency of Data Management, Processing & Analysis
- Support Ticket Printer and Label Printer (Datecs LP-50 & TSC TDP247, TDP345, TTP247, TTP345)
- Selectable Portrait / Landscape Ticket Printout Format

End User PC Software

- Freeware Specially Created to Support End Users
- Real Time Operation Status Monitoring
- Operation Parameters Setting
- Real Time Process Monitoring
- Individual and Totalized Record Storage
- Database File Output

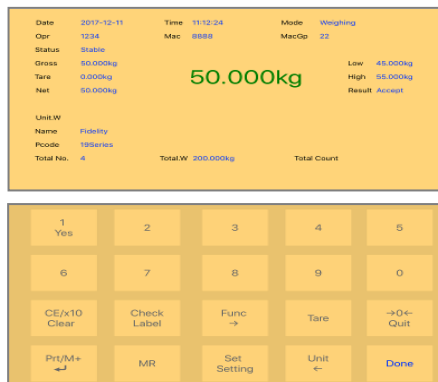


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Apps for Smart Phones & Devices

- Free iOS App (i19) & Android App (a19) are available at App Store and Google Play respectively.
- These Apps are so powerful that actually they turn your smart devices into a handheld terminal, remote display, remote data input center and controller of your FM product connected.
- Both Apps support connection via Bluetooth and WIFI.



Output Formats

Time	14:27:24
Date	2016-10-06
Seq	1
Name	VNFHRUDHFLQAUMCB
Pcode	12345678901234567A
Net	5.000kg
Tare	2.500kg
Gross	7.500kg
Total	5.000kg
High	10.005kg
Low	9.995kg
Below	limit

Printout Format #2

Name	VNFHRUDHFLQAUMCB	
Pcode	12345678901234567A	
Opr	3333	
Mac	8888	
MacGp	77	
Date	2016-10-06	
Time	14:25:24	
Seq	Gross	Net
001	7.500	5.000 kg
002	7.500	5.000 kg
003	9.999	7.499 kg
004	9.999	7.499 kg
005	12.500	10.000 kg
006	5.000	2.500 kg

006	37.498 kg	

Printout Format #4

Name	VNFHRUDHFLQAUMCB	
Pcode	12345678901234567A	
Opr	3333	
Mac	8888	
MacGp	77	
Date	2016-10-06	
Seq	Time	Net
001	14:26:11	2.500 kg
002	14:26:14	5.000 kg
003	14:26:18	7.499 kg
004	14:26:25	2.500 kg
005	14:26:28	5.000 kg
006	14:26:31	7.499 kg

006	Total	29.998 kg

Printout Format #5

	Opr	Seq	Mode	Mac	MacGp	Date	Time	Name	Pcode	Gross	Tare	Net	Low	High	Result	Total.W	Unit				
Weighing	3333	1	0	8888	77	2016/10/6	11:17:08	VNFHRUDHFLQAUMCB	12345678901234567A	12.500	5.000	7.500	4.995	5.005	Above limit	7.50	kg				
Weighing	3333	2	0	8888	77	2016/10/6	11:17:14	VNFHRUDHFLQAUMCB	12345678901234567A	15.000	2.500	12.500	4.995	5.005	Above limit	20.00	kg				
Weighing	3333	3	0	8888	77	2016/10/6	11:17:22	VNFHRUDHFLQAUMCB	12345678901234567A	15.000	5.000	10.000	4.995	5.005	Above limit	30.00	kg				
Weighing	3333	4	0	8888	77	2016/10/6	11:17:29	VNFHRUDHFLQAUMCB	12345678901234567A	10.000	5.000	5.000	4.995	5.005	Accept	35.00	kg				
Weighing	3333	5	0	8888	77	2016/10/6	11:17:46	VNFHRUDHFLQAUMCB	12345678901234567A	7.500	2.500	5.000	9.995	10.005	Below limit	40.00	kg				
Weighing	3333	6	0	8888	77	2016/10/6	11:17:50	VNFHRUDHFLQAUMCB	12345678901234567A	5.000	2.500	2.500	9.995	10.005	Below limit	42.50	kg				
	Opr	Seq	Mode	Mac	MacGp	Date	Time	Name	Pcode	Gross	Tare	Net	Total.W	Unit	Count	Unit.W	Unit	Low	High	Result	Total.C
Piece Count	3333	1	1	8888	77	2016/10/6	11:18:18	VNFHRUDHFLQAUMCB	12345678901234567A	5.000	2.500	2.500	2.500	kg	19999	0.12499	g	19995	20005	Accept	19999
Piece Count	3333	2	1	8888	77	2016/10/6	11:18:25	VNFHRUDHFLQAUMCB	12345678901234567A	7.500	2.500	5.000	7.500	kg	40002	0.12499	g	19995	20005	Above limit	60001
Piece Count	3333	3	1	8888	77	2016/10/6	11:18:31	VNFHRUDHFLQAUMCB	12345678901234567A	7.500	5.000	2.500	10.000	kg	20003	0.12499	g	19995	20005	Accept	80004
Piece Count	3333	4	1	8888	77	2016/10/6	11:18:37	VNFHRUDHFLQAUMCB	12345678901234567A	7.500	5.000	2.500	12.500	kg	20003	0.12499	g	19995	20005	Accept	100007
Piece Count	3333	5	1	8888	77	2016/10/6	11:18:43	VNFHRUDHFLQAUMCB	12345678901234567A	5.000	2.500	2.500	15.000	kg	19999	0.12499	g	19995	20005	Accept	120006
Piece Count	3333	6	1	8888	77	2016/10/6	11:18:47	VNFHRUDHFLQAUMCB	12345678901234567A	7.500	2.500	5.000	20.000	kg	40002	0.12499	g	19995	20005	Above limit	160008

Database Output Content Illustration: - Weighing and Piece Count Mode

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Specifications

Model No.	Capacity	Readability	Platform Dimensions	IP Rating
19eS2-P3	3000g	0.1g	280 x 350mm	IP65
19eS2-P6	6000g	0.2g		
19eS2-P15	15000g	0.5g		
19eS2-P30	30kg	0.001kg		
19eS2-B15	15000g	0.5g	300 x 400mm	IP65
19eS2-B30	30kg	0.001kg		
19eS2-B60	60kg	0.002kg		
19eS2-B150	150kg	0.005kg		
19eS2-F60	60kg	0.001kg	400 x 500mm	IP65
19eS2-F150	150kg	0.002kg		
19eS2-F300	300kg	0.005kg		
19eS2-L60	60kg	0.001kg	500 x 650mm	
19eS2-L150	150kg	0.002kg		
19eS2-L300	300kg	0.005kg		
Load Cells	• Approval: - OIML C3 • Material: - Aluminum			
Weight Units	kg, g, lb			
Display	• 6 x 25mm LED Numeric Digits • 5 x Adjustable Brightness Level			
Micro Processor	32-bit High Speed & High EMC Immunity			
A/D Converter & Internal Resolution	• 24 bit Low-Noise Delta to Sigma (Δ-Σ) • 4,000,000 Counts at 20 mV • Minimum input per d = 0.05µV			
Tare Range	- Max (Subtractive Tare)			
Calibration Methods	• 2 Span Points Calibration (Linearity Calibration), or • 1 Span Point Calibration, or • Numeric Calibration through Keyboard			
Power Source	• Built-in Rechargeable Battery = 6V, 5AH • External Power Adaptor = DC 12V, 1A			
Accessories	Universal Power Adaptor			
Operating Environment	-10 ~ 40°C (14 ~ 104°F) Non-condensed R.H. ≤85%			

In the interest of improvement, specifications may change prior to notice

Options

- SUS #304 Stainless Steel Pillar
- SP-POS58IV & SP-POS88IV Thermal Ticket Printer
- LP-50, TDP247, TDP345, TTP247, TTP345 Label Printer
- Serial Bar Code Scanner
- RD-DOT Dot Matrix Remote Display
- Built-in LAN Communication Module (Rechargeable Battery has to be removed)



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