



The SQC16 from METTLER TOLEDO monitors and controls filling processes in production and laboratory environments. This compact stand-alone solution for sample recording is able to manage fill quantities of up to 300 articles.

## **SQC16 – Security and reliability for filling processes**

**METTLER TOLEDO**

# Whatever the volume: It's all under control

- A compact system for efficient net weight control and fill quantity control
- Flexible and powerful for 300 articles
- A variety of statistical analyses and graphical representations
- Output to graphic display as well as to an A4 printer or a strip printer
- Can be connected to a PC for data entry and archiving

#### **If quality assurance is paramount.**

You work in accordance with relevant guidelines and are looking for a simple control system. The SQC16 is the ideal stand-alone solution for statistical quality control. This compact system comprises a precision scale with built-in software and a printer.

#### **If flexibility is key.**

The SQC16 software is incredibly flexible. You can choose between four different tolerance systems. Tolerances are entered as absolute or relative values, as percentages or weighing units. Three different statistics periods are available for each article, one of which may be a batch statistic. In individual tare mode, 50 preweighings are possible. New density groups can be created and assigned globally for liquid products of the same type. The sample report and statistical printed records can be configured in accordance with individual requirements.

#### **If you like things to be easy.**

Thanks to its transparent menu structure, the SQC16 is very easy to operate. Data is entered using an alphanumeric keypad similar to those on mobile phones. Additional function keys related to menu items appear underneath the graphic display. However, the entire system can also be controlled via an external PC keyboard. In addition, a barcode reader can also be connected, providing an extremely simple means of selecting articles or acting as an additional input device.



# Technical data for the SQC16



No. of articles	300
Individual tare	20 articles simultaneously with up to 50 preweighings in each case
3 long-term statistics	2 with selectable duration, 1 batch statistic
Bright screen	30 x 120 mm, 60 x 235 pixels
PC backup/restore	An MS Windows program that helps you define and safeguard article and configuration data (98/ME/NT/2000/XP)
Global density groups	30
4 interfaces	<ul style="list-style-type: none"> <li>– RS232C for connection to a PC</li> <li>– RS232C for connection to a printer</li> <li>– RS232C for other peripherals (second printer or LC-I/O relay interface)</li> <li>– PS2 for connection to an external keypad and a barcode reader</li> </ul>
Peripherals	<ul style="list-style-type: none"> <li>Strip printer</li> <li>A4 printer</li> <li>External PC keyboard</li> <li>Barcode reader</li> <li>LC-I/O relay interface</li> </ul>



Model	Viper MB SQC16 3 XS	Viper MBL SQC16 3 XS	Viper MBL SQC16 6 SM	Viper MBL SQC16 15 LA	Viper MB SQC16 35 LA	Viper MBL SQC16 35 LA
Dimensions (mm)	Type of construction small, 265 x 335 x 100			Type of construction large, 360 x 370 x 115		
Platform size (mm)	165 x 165		200 x 240	240 x 350		
Weighing range (g)	3100	3100	6100	15100	35100	35100
Readability (g)	0.01	0.1	0.2	0.5	0.1	1
Linearity (typ.) (g) <sup>1)</sup>	±0.02	±0.02	±0.1	±0.3	±0.3	±0.3
Repeatability [s] (typ.) (g)	0.01	0.1	0.1	0.1	0.1	0.1
Certifiable (g)	0.1	0.1	0.2	0.5	1	1
Internal processor resolution	15.000.000 points					
Adjustment weight (g) <sup>2)</sup>	3000	3000	6000	15000	35000	35000
Built-in cal. weight (option)	–	–	–	–	•	•
Protection type	IP43					

<sup>1)</sup> In the temperature range 10 ... 30 °C  
<sup>2)</sup> Can be reduced in the software for the purpose of adjustment



Model	Viper SQC16 3 SM	Viper SQC16 6 SM	Viper SQC16 15 LA	Viper SQC16 35 LA	Viper SQC16 60 LA
Dimensions (mm)	Type of construction small, 265 x 335 x 100		Type of construction large, 360 x 370 x 115		
Platform size (mm)	200 x 240	200 x 240	240 x 350	240 x 350	240 x 350
Weighing range (kg)	3	6	15	35	60
Readability (g)	0.5	1	2	5	10
Linearity (typ.)(g) <sup>3)</sup>	±0.2	±0.5	±1	±2	±5
Repeatability (typ.) (g)	0.1	0.2	0.5	1	2
Max. displayed	150.000 points	120.000 points	150.000 points	175.000 points	120.000 points
Certifiable (g)	–	–	–	–	–
Internal processor resolution	3.000.000 points				
Protection type	IP43				

<sup>3)</sup> In the temperature range –10 ... 40 °C



The SQC16 system helps you make a cost-effective entry into statistical quality control. With this system you can avoid unnecessary and costly material loss while easily meeting the legal requirements for filling bottles, pouches, cans and other packages. Continuous random samples supply all the information you need for optimal regulation of your filling machines.

At the same time you keep all options open for later expansion to a more complex, networked system for your company.

### **SQC16 device options**

#### **Housing colors**

- Silver

#### **Protection type**

- PVC protective cover

#### **Accessories**

- MT Sprinter 1 strip printer
- MT RS-P42 strip printer
- Epson LX-300+ A4 printer
- Miniature PS/2 keypad
- Protective cover for miniature keypad
- PS/2 barcode reader (wireless version also available)
- LC-I/O relay interface
- Antitheft device

Sales/Service:

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for your filling processes,  
take full advantage and place  
your order today.**

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