

Blue Viper. A new range designed for precision weighing and counting.

Blue Viper is a new and complete range of scales from METTLER TOLEDO.

Blue Viper is available as 2 applications, 2 platform sizes and 5 weighing ranges from 3 to 60 kg. This dual-range scale with 2 x 3000 display divisions is also available as a certified version to OIML, Class III.

The rugged die-cast aluminum housing is designed for all applications in an industrial environment. An RS232C data interface built in as standard enables unrestricted communication with your printer, a second scale, an auxiliary display, or your computer. A second interface can also be built in as an option.

The scale has a built-in AC adapter. An integrated battery with a 4-segment discharge status display is offered as an option for operation independent of mains power.

Blue Viper has a particularly user-friendly design, offering excellent value for money.

Optional extras include IP65 ingress protection for applications in dusty and damp environments, a hard protective cover, an anti-theft device, an auxiliary display or a printer.

The scale can be adjusted to suit your needs perfectly. Ask your METTLER TOLEDO salesperson or specialist scale dealer for more details.



The Blue Viper SW is a broad product line offering exactly the right scale for weighing, dispensing or formulation duties in industry and commerce.



Blue Viper BC Simple to operate, but highly accurate counting results. With weighing ranges from 3 to 60 kg, you can select the best model for your counting applications in the stockroom, incoming goods or shipping department.



Blue Viper SW plus Blue Viper BC – a two-scale system for accurate and cost-effective counting of large quantities of the smallest components, comprehensively documented by a separate printer. In tandem with another scale from the large METTLER TOLEDO range, weighing capacities up to 3000 kg can be obtained.



Model	VIPER SW (weighing scale)	VIPER BC (counting scale)
Application	Weighing, taring, data transfer	As for Viper SW, plus: Piece counting
Other functions	Dynamic weighing, dispensing mode, changing display accuracy, switching weighing units, automatic taring, automatic scale shut-off after three minutes, adjustment for ambient conditions	As for Viper SW, plus: - Gross weight - High resolution mode - Automatic reference optimization - Add mode
Resolution	2 x 3000 calibration divisions	2 x 3000 calibration divisions internally 3'000'000 increments
Display	Easy-to-read backlit LCD (character height 16 mm) 4-segment battery status display	As for Viper SW, plus: - Bar graph weighing range display - Separate reference input display
Keypad	Generously proportioned keys with tactile feedback for the on/off, zeroing, tare and data transfer functions	As for Viper SW, plus: - 6 function keys (see below)
Interfaces	RS232C bidirectional data interface with configuration facility; an additional data interface as optional extra	As for Viper SW
Platform	Small 200 x 240 / Large 240 x 350 mm	Small 200 x 240 / Large 240 x 350 mm
Housing	Die-cast aluminum	Die-cast aluminum
Ingress protection	Standard IP43, IP65 as option	Standard IP43

Stainless steel

LCD, backlit

Waterproof membrane keypad

Die-cast aluminum housing

4-segment battery status display, up to 40 hours operation in normal use

Enter variable number of reference pieces (shown in display), 1/2/5/15/20/25/30/50/100

Enter number of reference pieces in tens

Toggle between weighing and counting

Toggle between counting scale and reference scale

Weighing mode: Higher resolution (High Resolution Mode)
Counting mode: Average piece weight (APW)

Display gross weight



Blue Viper is a dual-range scale.

The first part of the weighing range is divided into smaller increments. This makes the scale more accurate – and gives you two scales for the price of one.

Model	VIPER SW/BC	
	Range 1	Readability 1
3	1,5 kg	0,5 g
	3 kg	1 g
6	3 kg	1 g
	6 kg	2 g
15	6 kg	2 g
	15 kg	5 g
35	15 kg	5 g
	35 kg	10 g
60	30 kg	10 g
	60 kg	20 g

- **Rugged industrial quality**
durable die-cast aluminum housing and stainless steel weighing pan
- **Large product range**
ensures you find the right model for your needs – and numerous accessories to optimize your application
- **Models protected against dust and spraying water**
to IP65 (EN60529) are available
- **Mobile weighing** with AccuPac (option) integrated in the housing
- **One standard and one optional interface**
allow trouble-free connection of additional scales, displays, or computers
- **Built-in AC adapter**
integrated in the compact housing
- **Backlit display**
large easy-to-read LCD for clear results
- **High resolution mode** at the touch of a key
- **Certified version** to OIML, Class III (–10 °C to 40 °C)

Overview of VIPER scales

Model	Readability	Platform 200 x 240 mm	Platform 240 x 350 mm
Viper DR 3 SM	0.5/1 g	<input type="checkbox"/> 21 203 300	
Viper DR 6 SM/LA	1/2 g	<input type="checkbox"/> 21 203 301	<input type="checkbox"/> 21 203 303
Viper DR 15 SM/LA	2/5 g	<input type="checkbox"/> 21 203 302	<input type="checkbox"/> 21 203 304
Viper DR 35 LA	5/10 g		<input type="checkbox"/> 21 203 305
Viper DR 60 LA	10/20 g		<input type="checkbox"/> 21 203 306
Applications			
SW weighing scale		standard	standard
BC counting scale		<input type="checkbox"/> 21 203 315	<input type="checkbox"/> 21 203 319
Scale protection			
Protection degree IP43		standard	standard
Protection degree IP65 (for Viper SW only)		<input type="checkbox"/> 21 203 354	<input type="checkbox"/> 21 203 355
Protective cover			
Protective cover, mounted		<input type="checkbox"/> 21 203 495	<input type="checkbox"/> 21 203 496
Power supply			
AC line voltage		standard	standard
AccuPac/AC line voltage (IP43 only)		<input type="checkbox"/> 21 203 329	<input type="checkbox"/> 21 203 332
Interfaces			
RS232		standard	standard
Second RS232 interface (for IP43 only)		<input type="checkbox"/> 21 203 339	<input type="checkbox"/> 21 203 342
Color			
Blue		standard	standard
Silver		<input type="checkbox"/> 21 203 366	<input type="checkbox"/> 21 203 367
Certified model			
		<input type="checkbox"/> 21 203 362	<input type="checkbox"/> 21 203 363

Accessories (optional, available for all models)

Auxiliary display RS-PD/PASM	<input type="checkbox"/> 21 302 875
Spare protective cover for small platform	<input type="checkbox"/> 21 203 207
Spare protective cover for large platform	<input type="checkbox"/> 21 203 206
Antitheft device	<input type="checkbox"/> 00 229 175
Sprinter printer 1 (EURO)	<input type="checkbox"/> 21 253 399
Sprinter printer 1 (UK)	<input type="checkbox"/> 21 253 745
RS232 cable for aux. display, 1.8 m (9-pin, DSUB, m/m, parallel)	<input type="checkbox"/> 21 250 066
RS232 cable for printer, 1.8 m (25/9-pin, DSUB, m/m, crossed)	<input type="checkbox"/> 21 253 677
RS232 cable for 2nd scale, 1.8 m (9-pin, DSUB, m/m, crossed)	<input type="checkbox"/> 21 252 588
RS232 cable for PC, 1.8 m (9-pin, DSUB, m/m, parallel)	<input type="checkbox"/> 00 410 024

Sales/service:

Subject to technical changes / Registered design
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The culture of precision

Leading edge technology,
affordable and
user-friendly.

Blue Viper: rugged design
for industry.

2 applications

5 weighing ranges

2 platform sizes

Blue Viper

Value in precision weighing



Certification. Development and production facilities comply with ISO9001. Our environmental management system is to ISO14001.



Conformity. All METTLER TOLEDO products conform with the stringent EU Directives.



Visit our website.
For fast information about our products, our services and our company at <http://www.mt.com>

METTLER TOLEDO