

The New Practum®.
Start Weighing Right.



What I like ...

Practical and Sturdy Draft Shield

The sturdy draft shield will stand up to the daily use even by inexperienced operators. Moreover, it can be completely disassembled to conveniently clean the glass parts in a dishwasher.

Rugged Weigh Cell for Reliable Results – Every Time, All the Time

High-resolution, overload protected weigh cells, made in Germany, ensure durable and reliable performance of the Practum®.

Hassle-Free Below-Balance Weighing of Oversize Containers

Extra-large volumes or magnetic substances are easy to weigh accurately using the easily accessible weighing port.





Supervisor Lock

This practical feature enables teachers and professors to lock the menu. As a result, students will concentrate on learning.



USB Port and Data Transfer to Microsoft® Excel for Perfect Records

The USB port automatically detects when a Sartorius laboratory printer is connected to the Practum®. This interface also enables you to transfer your weighing data directly into a Microsoft® Excel spreadsheet, without the need for additional software.



Changes Readily Documented by Interval-Controlled Printout of Weights

The Practum® will document weights automatically and reliably, such as slow filling processes.



Extra-large Feet and Up-front Level Indicator for Easy Leveling

Two large, easy-to-adjust feet and an outstandingly simple-to-read level indicator on the front make it a breeze for you to level the Practum®. This helps ensure accurate, repeatable weighing results.





Plug & Play

Standardprinter YDP-40



You can't go wrong with the new Practum[®]: a foolproof, exceptionally rugged and reliable lab balance. Practum[®] has everything you need for standard applications. So you pay only for what you really need.

Weighing

You name it, Practum[®] will weigh it – from the smallest samples to the heaviest objects in the analytical range, and from entire chunks of solids to the finest quantities of pastes, powders and liquids, Practum[®] provides incomparable weighing reliability.



Counting

Use Practum[®] to count identical materials, such as tablets, screws and similar parts. Using Practum[®] is easier, faster and more accurate than manual counting.



Density Determination

With Practum[®] and our Optional Density kit, you can easily and accurately determine the density of a solid object.



Peak Hold Function

Forget now you see it, now you don't. Effortlessly read off the maximum force released in milliseconds when a switch is activated, or weigh a bulky sample that covers the display. Practum[®] will conveniently determine and "hold" the peak value for you.



Checkweighing

Practum[®] is ideal when you need to check whether different objects, such as packaged units, are within a specific tolerance range.



Weighing under Unstable Conditions

Does your environment "rock" in the negative sense? Is it exposed to vibration or laminar flow? Or do you need to know the exact weight of a hyper little mouse that just won't sit still? Relax with "rocksteady" readings on Practum[®].



Percentage for Determining Differences

If you need to compare different samples and determine how much they vary from a reference standard, this function will do the math for you.





Technical Data Practum®

Model		224-1S	124-1S	313-1S	213-1S	2102-1S	1102-1S	612-1S	5101-1S	5100-1S
Fisher Scientific Catalog No.		14-557-422	14-557-421	14-557-424	14-557-423	14-557-427	14-557-426	14-557-425	14-557-428	14-557-429
Weighing capacity g		220	120	310	210	2100	1100	610	5100	5100
Readability	mg	0.1	0.1	1	1	10	10	10	100	1000
Repeatability	mg	0.1	0.1	1	1	10	10	10	100	500
Linearity	mg	0.3	0.3	3	3	30	30	30	300	1000
Typical stabilization time	s	4	4	3	3	3	3	3	3	3
Weighing pan size	mm	Ø 90	Ø 90	Ø 120	Ø 120	Ø 180	Ø 180	Ø 180	Ø 180	Ø 180
Weighing chamber height	mm	209	209	209	209					
Net weight, approx.	kg	4.5	4.5	4.9	4.9	3.1	3.1	3.1	3.1	3.1
	Lb	9.9	9.9	10.8	10.8	6.8	6.8	6.8	6.8	6.8
Dimensions D×W×H	mm	360×216×320				360×216×95				
	Inch	14.1×8.5×12.6				14.1×8.5×3.75				
Data interface	Mini USB – Automatic recognition of standard printer YDP40 – Direct data transfer e.g. to Microsoft® Excel without additional software – Programmable, interval controlled data output									
Supervisor lock	Menu lock to prevent unintended manipulation									
Housing and draft shield	Robust and easy to clean housing with easy to operate draft shield (where applicable)									
Application programs	Weighing; Density; Percentage; Checking; Peak Hold; Counting; Unstable Conditions									
Theft lock	Kensington lock and lockdown capability for cable or chain									
Protection cover	Standard for all models									
Underfloor weighing	Integrated									
Accessories	See Practum® list of accessories									
Technology and construction	Made in Germany									



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