


The New Quintix[®]. Convenient Weighing.





Sartorius
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“ We found it really simple to use
the new Quintix[®] right away.
I don't know of any other balance
that is this easy to
operate intuitively. ”

**Make Your routine lab work easy with
our revolutionary user interface**

The Sartorius Quintix[®] sets new benchmarks
in every aspect for standard lab balances.

A number of features make Your workflow
much more efficient, such as fully automatic
internal adjustment, direct data transfer,
ergonomic style and, above all, the entirely
new touchscreen user interface with built-in
application programs.

“ At first, I placed my manual next to the balance for ready reference. But I soon discovered that I don't need it at all because operation of the Quintix[®] is absolutely intuitive.”

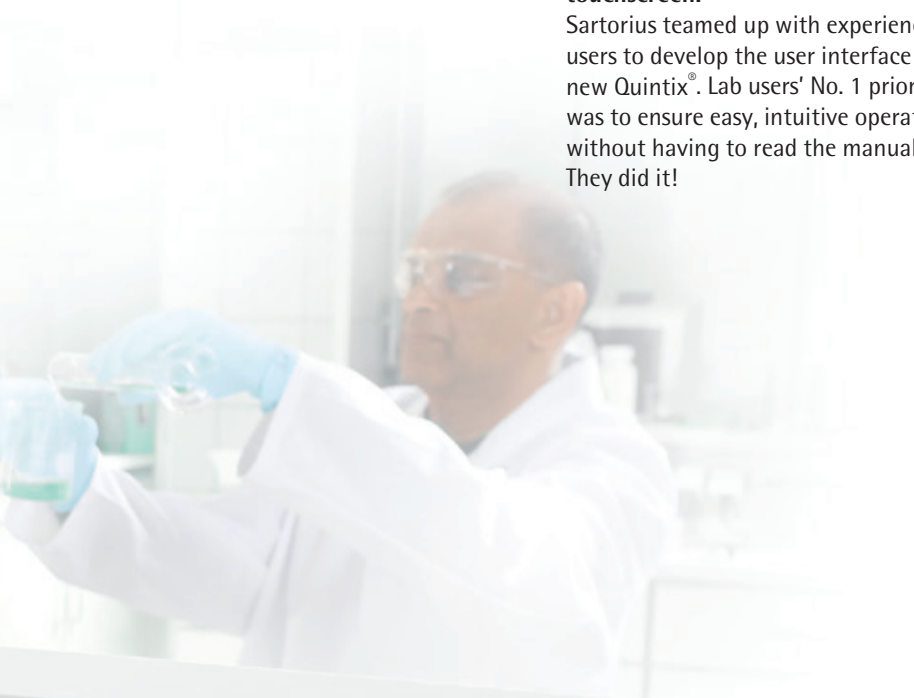


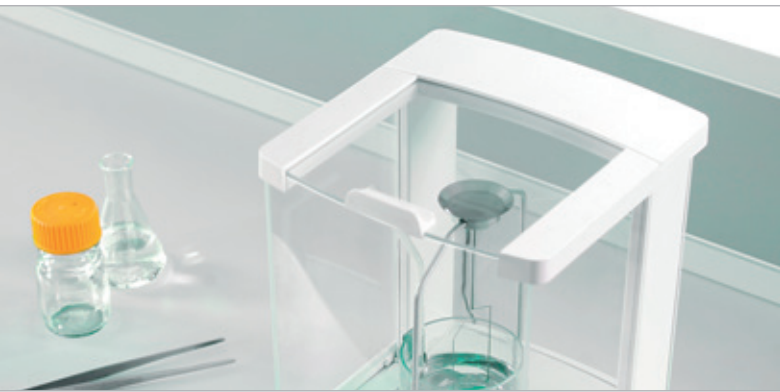
Intuitive Operation without reading a manual by an award winning user interface and high resolution color touchscreen.

Sartorius teamed up with experienced lab users to develop the user interface of the new Quintix®. Lab users' No. 1 priority was to ensure easy, intuitive operation without having to read the manual first. They did it!

The self-explanatory icons and plain-text prompts on the large touchscreen show you all the information you need to know for the procedure – no more, no less.

For example, the touch-activated print key will appear only when Quintix® has detected that a Sartorius printer is connected. The Quintix® also excels in compliance with workplace safety requirements: Even if you are wearing several pairs of lab gloves, you can still correctly use all the functions of the balance.





Increase Efficiency with Integrated Application Programs
Quintix® comes standard with convenient, built-in applications. These, along with the extensive accessories Sartorius offers, enable you to customize Quintix® to a variety of weight measurement tasks. Take specific gravity. With the built-in Density application and the Sartorius Density Kit, you can effortlessly determine the density of solids and liquids.



Mixing

Enables you to weigh in various components of a formula quickly with 100% traceability.



Components

Conveniently lets you weigh components of a formula into separate containers and retrieve the total amount weighed-in at any time.



Statistics

Saves you work when you need to know the standard deviation and other statistics on an entire group of different samples, but don't have the time to do the number-crunching yourself.



Checkweighing

Helps you zip through series of samples when you have to quickly determine whether each one is within a specific tolerance range.



Density

Takes the effort out of determining the density of a solid, irregularly-shaped object.



Weighing

In addition to this app, all Quintix® balances feature isoCAL, the fully automatic internal calibration and adjustment function engineered by Sartorius to ensure total accuracy.



Conversion

Takes care of the math when you need to convert a weight using a factor, say, to calculate the weight per unit area.



Peak Hold

Locks in the reading so you can later view the maximum force released in milliseconds when a switch is activated during an experiment, or the weight of a bulky sample that hides the display while weighing.



Unstable Conditions

Delivers rock-steady results when you have to weigh in an extremely unstable environment or measure the weight of a hyper little mouse that just won't sit still.



Percentage

Makes comparisons of samples easy when you need to determine their difference in percent from a reference standard.



Counting

Gives you the exact count when you want to know how many identical parts, such as tablets, are in a bag.

“ With the apps in Quintix[®], we can now take care of exotic applications much more easily and efficiently. ”



“ I just transfer weights and other app data directly into an Excel file at a mouse click, without any additional software or bothering with tweaking this really couldn't be more convenient. ”

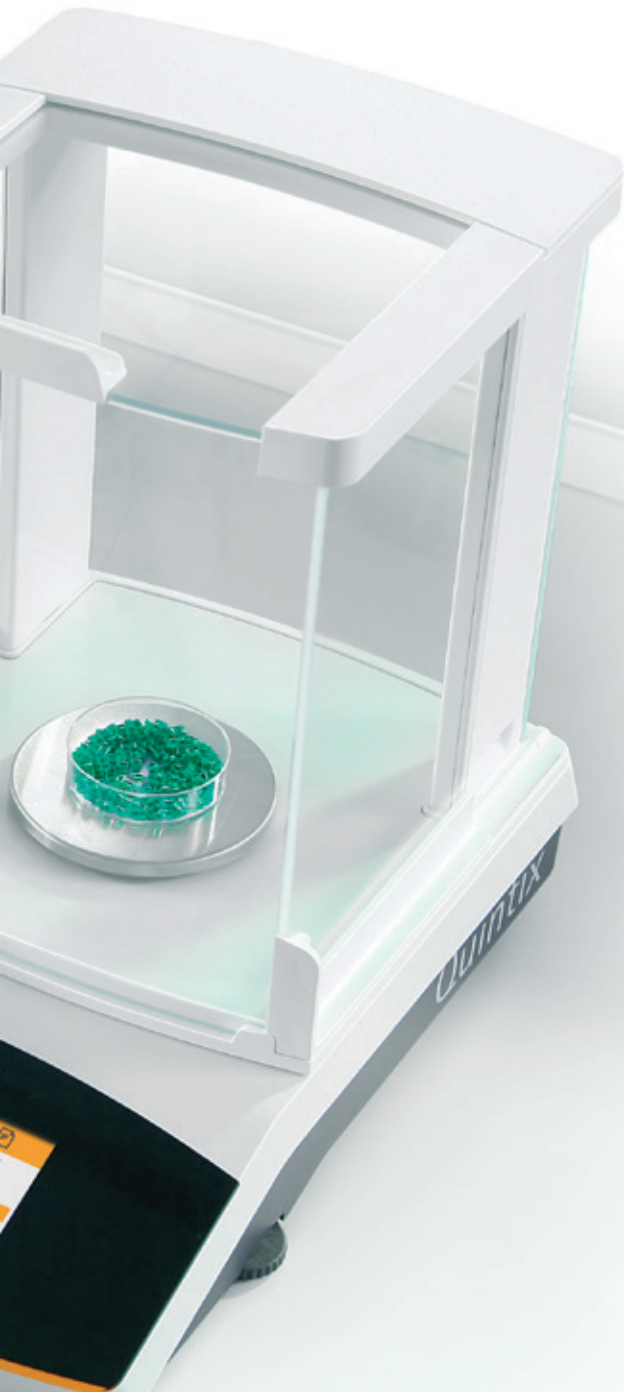


needing
the settings –

Easy and Convenient Data Transfer to your PC without the need of extra software by integrated PC-direct function.

Quintix[®] substantially simplifies processing data in spreadsheets. How? After connecting the USB port on Quintix[®] to a computer, just open the Windows[®] application you need. Quintix[®] delivers data in your choice of format, either text or numbers, enabling effortless and accurate spreadsheet calculations. No additional software or special configuration settings are needed.

This Plug & Work technology in Quintix[®] saves you considerable time and effort in generating fast and reliable documents.



The Sartorius standard printer YDP40 is automatically detected by Quintix[®]. Thanks to interactive user guidance, Quintix[®] provides help in generating error-free printouts.



“ We use Quintix[®] non-stop. It's worth its weight in gold because it's a balance you can always depend on. ”



Repeatability and linearity are the key prerequisites to obtaining accurate and traceable weighing results.

That's why Quintix[®] has been subjected to extensive automated repeatability, linearity and temperature drift tests to guarantee that it meets our high metrological specifications. Inside a virtual "rigorous testing chamber", Quintix[®] test samples undergo more than 1,000,000 load stress tests to ensure that after years of standing up to the rigours of daily use with different weight loads, it will still deliver accurate results just like it did on day one.

Quintix[®] is crafted in Germany with high-grade components and materials. For example, the weigh cells are mounted on a solid, special aluminum alloy base plate, which is extremely impervious to ambient conditions, such as temperature fluctuations and vibration.

All these tests and features add up to user benefits like the legendary reliability of the Sartorius Quintix[®], a major advantage it shares with every other Sartorius balance.



Is the linearity still correct even after 1 million cycles? Absolutely! Shown here is the Quintix[®] undergoing an endurance test.

“ I don't have to worry about
inaccuracy due to temperature
fluctuations because my Quintix[®]
eliminates this risk.”



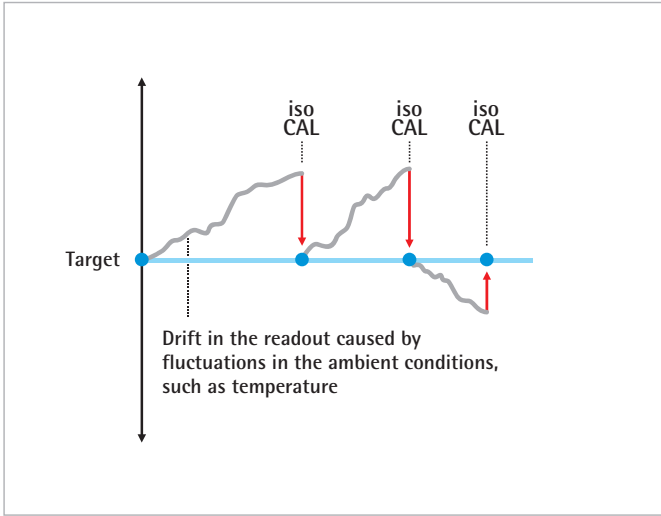


Highest Accuracy and Convenience with fully automatic internal temperature- and time-controlled adjustment feature (isoCAL).

Temperature fluctuations have an influence on the accuracy of your weighing results.

This is why every Quintix® comes equipped with the internal adjustment function isoCAL that ensures consistently accurate results.

Each time isoCAL is performed, Quintix® records all data on this procedure so it can be traced for your quality assurance.



Quintix

Quintix[®] Technical Specifications

Model		224	124	64	613	513	313
Design		1	1	1	2	2	2
Weighing capacity	g	220	120	60	610	510	310
Readability	mg	0.1	0.1	0.1	1	1	1
Repeatability	mg	0.1	0.1	0.1	1	1	1
Linearity	mg	0.2	0.2	0.2	2	2	2
Typical response time	s	2	2	2	1	1	1
Pan size diameter	mm	90	90	90	120	120	120
	inches	3.5	3.5	3.5	4.7	4.7	4.7
Height of the weighing chamber	mm	209	209	209	209	209	209
Net weight	kg	4.9	4.9	4.9	4.9	4.9	4.9
	lb	10.8	10.8	10.8	10.8	10.8	10.8
Dimensions D×W×H	mm	360×216×320 (designs 1+2)					
	inches	14.1×8.5×12.6 (designs 1+2)					
Versions verified as legal for trade	All models can be obtained with a type-approval certificate for use						
Draft shield for analytical balances (Designs 1+2)	<ul style="list-style-type: none"> – Analytical draft shield chamber with doors that glide open smooth – Interior chamber featuring spill-proof design; exceptionally easy – All panes can be individually cleaned or exchanged 						
Housing	Chemically resistant finish of the housing for the easiest cleaning						
Weigh cell	<ul style="list-style-type: none"> – Sartorius weigh cell – Mounted on a heavy-duty die-cast plate made of a special aluminum – Stable and repeatable weighing results guaranteed, along with 						
Calibration	isoCAL – fully automatic, temperature- and time-controlled internal						
Interface	mini USB <ul style="list-style-type: none"> – Automatic recognition of Sartorius printer models YDP30 and – Direct data transfer to Microsoft[®] application programs without – Programmable interval for data output – Choice of SBI, xBPI, table format or text format data transfer pro 						
Supervisor lock	Menu lock for protection against unintentional changes						
In-use cover	Provides added protection against dirt and scratches; supplied standard						
Anti-theft device	Kensington lock and lug for attaching a chain or a cable						
Built-in application programs	Special lab applications such as Mixing, Components, Statistics and						
Below-balance weighing	Standard, built-in feature						
Accessories	See Quintix [®] list of accessories						
Development and manufacture	Developed and made in Germany						



Design 1



Design 2



Design 3

213	6102	5102	3102	2102	1102	612	412	6101	5101	2101	6100	5100
2	3	3	3	3	3	3	3	3	3	3	3	3
210	6,100	5,100	3,100	2,100	1,100	610	410	6,100	5,100	2,100	6,100	5,100
1	10	10	10	10	10	10	10	100	100	100	1000	1000
1	10	10	10	10	10	10	10	100	100	100	500	500
2	20	20	20	30	30	30	30	300	300	300	1000	1000
1	1	1	1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
120	180	180	180	180	180	180	180	180	180	180	180	180
4.7	7	7	7	7	7	7	7	7	7	7	7	7
209	-	-	-	-	-	-	-	-	-	-	-	-
4.9	5.2	5.2	5.2	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
10.8	11.5	11.5	11.5	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
	360×216×95 (design 3)											
	14.1×8.5×3.75 (design 3)											

in legal metrology

thly for fatigue-free weighing
to clean

ever

num alloy
minimum dependence on temperature

al adjustment

YDP40
any additional software

ocols

dard with the balance

Conversion; plus standard lab applications such as Weighing, Density, Percentage, Checkweighing, Peak Hold, Counting and Unstable Conditions

Sales and Service Contacts

For further contacts, visit www.sartorius.com

Europe

Germany

Sartorius Lab Instruments
GmbH & Co. KG
Weender Landstrasse 94-108
37075 Goettingen

Phone +49.551.308.0
Fax +49.551.308.3289

France & Suisse Romande

Sartorius France S.A.S.
ZI Les Paluds
Avenue de Jouques - CS 31090
13781 Aubagne Cedex

Phone +33.442.845600
Fax +33.442.846545

Austria

Sartorius Austria GmbH
Franzosengraben 12
1030 Vienna

Phone +43.1.7965760.0
Fax +43.1.7965760.24

Belgium

Sartorius Belgium N.V.
Leuvensesteenweg, 248/B
1800 Vilvoorde

Phone +32.2.756.06.71
Fax +32.2.253.45.95

Finland & Baltics

Sartorius Biohit Liquid Handling Oy
Laippatie 1
00880 Helsinki

Phone +358.9.755.951
Fax +358.9.755.95.292

Hungary

Sartorius Hungária Kft.
Kagyló u. 5.
2092 Budakeszi

Phone +3623.457.227
Fax +3623.457.147

Ireland

Sartorius Ireland Ltd.
Unit 41, The Business Centre
Stadium Business Park
Ballycoolin Road
Dublin 11

Phone +353.1.8089050
Fax +353.1.8089388

Italy

Sartorius Italy S.r.l.
Via dell'Antella, 76/A
50012 Antella-Bagno a Ripoli (FI)

Phone +39.055.63.40.41
Fax +39.055.63.40.526

Poland

Sartorius Poland sp.z o.o.
ul. Wrzesinska 70
62-025 Kostrzyn

Phone +48.61.6473830
Fax +48.61.6473839

Russian Federation

LLC "Sartorius ICR"
and LLC "Biohit"
Uralskaya str. 4, Lit. B
199155, Saint-Petersburg

Phone +7.812.327.5.327
Fax +7.812.327.5.323

Spain & Portugal

Sartorius Spain S.A.
Offices in Madrid:
C/ Isabel Colbrand, 10-12, of. 70
28050 Madrid

Phone Spain +34.902.123.367
Phone Portugal +351.800.855.800
Fax Spain +34.91.358.84.85
Fax Portugal +351.800.855.799

Switzerland

Sartorius Mechatronics Switzerland AG
Ringstrasse 24a
8317 Tagelswangen (ZH)

Phone +41.44.746.50.00
Fax +41.44.746.50.50

U.K.

Sartorius UK Ltd.
Longmead Business Centre
Blenheim Road, Epsom
Surrey KT19 9QQ

Phone +44.1372.737159
Fax +44.1372.729927

America

USA

Sartorius Corporation
5 Orville Drive, Suite 200
Bohemia, NY 11716

Phone +1.631.254.4249
Toll-free +1.800.635.2906
Fax +1.631.254.4253

Argentina

Sartorius Argentina S.A.
Int. A. Avalos 4251
B1605ECS Munro
Buenos Aires

Phone +54.11.4721.0505
Fax +54.11.4762.2333

Brazil

Sartorius do Brasil Ltda
Avenida Senador Vergueiro 2962
São Bernardo do Campo
CEP 09600-000 - SP- Brasil

Phone +55.11.4362.8900
Fax + 55.11.4362.8901

Canada

Sartorius Canada Inc.
2179 Dunwin Drive #4
Mississauga, ON L5L 1X2

Phone +1.905.569.7977
Toll-Free +1.800.668.4234
Fax +1.905.569.7021

Mexico

Sartorius de México S.A. de C.V.
Circuito Circunvalación Poniente
No. 149
Ciudad Satélite
53100, Estado de México
México

Phone +52.5555.62.1102
Fax +52.5555.62.2942

Asia | Pacific

Australia

Sartorius Australia Pty. Ltd.
Unit 5, 7-11 Rodeo Drive
Dandenong South Vic 3175

Phone +61.3.8762.1800
Fax +61.3.8762.1828

China

Sartorius Scientific
Instruments (Beijing) Co., Ltd.
33 Yu An Road, Airport Industrial Park
Zone B,
Shunyi District, Beijing 101300,
P.R.China

Phone +86.10.8042.6300
Fax +86.10.8042.6486

Hong Kong

Sartorius Hong Kong Ltd.
Unit 1012, Lu Plaza
2 Wing Yip Street
Kwung Tong
Kowloon, Hong Kong

Phone +852.2774.2678
Fax +852.2766.3526

India

Sartorius Weighing India Pvt. Ltd.
#69/2-69/3, NH 48, Jakkasandra,
Nelamangala Tq
562 123 Bangalore, India

Phone +91.80.4350.5250
Fax +91.80.4350.5253

Japan

Sartorius Stedim Japan K.K.
4th Fl., Daiwa Shinagawa North Bldg.
8-11, Kita-Shinagawa 1-chome
Shinagawa-ku, Tokyo, 140-0001 Japan

Phone +81.3.4331.4300
Fax +81.3.4331.4301

Malaysia

Sartorius Malaysia Sdn. Bhd
Lot L3-E-3B, Enterprise 4
Technology Park Malaysia
Bukit Jalil
57000 Kuala Lumpur, Malaysia

Phone +60.3.8996.0622
Fax +60.3.8996.0755

Singapore

Sartorius Singapore Pte. Ltd
1 Science Park Road,
The Capricorn, #05-08A,
Singapore Science Park II
Singapore 117528

Phone +65.6872.3966
Fax +65.6778.2494

South Korea

Sartorius Korea Ltd.
8th Floor, Solid Space B/D,
PanGyoYeok-Ro 220, Bundang-Gu
SeongNam-Si, GyeongGi-Do, 463-400

Phone +82.31.622.5700
Fax +82.31.622.5799

Thailand

Sartorius (Thailand) Co. Ltd.
129 Rama 9 Road,
Huaykwang
Bangkok 10310

Phone +66.2643.8361-6
Fax +66.2643.8367



◀ www.sartorius.com