

GENERAL CATALOG



ICONS

The following symbols stand for the most important features and applications of Precisa scales and provide a fast overview of each product.

FEATURES

- Swiss made
- Swiss technology
- Liquid crystal display
- RS232 interface for PC / printer
- Backlit LCD
- USB device
- Backlit graphic LCD
- Communication options (USB host, bluetooth, wireless etc.)
- LC touch screen
- Support IQ/OQ/PQ
- Colour touch screen
- Anti-theft protection with password plus mechanical security
- Vacuum fluorescent display
- Direct tare and reference weight entry (manually)
- Self Linearization System
- Clock (printout GLP/GMP, auto-cal etc.)
- Fully automatic built-in self calibration system
- Below balance weighing
- Automatic calibration warning
- Easy alphanumeric input
- External calibration
- Internal calibration
- Touchless sensors to operate draft shield, tare, print, ...
- Ambient Observation System
- Electrostatic Cancellation System
- Optional evaporation trap for pipette calibration

APPLICATIONS

- Units g, mg, ozt, lb, tael, etc.
- Statistics
- Percent weighing
- Recorder
- Piece counting
- Minimum sample weight
- Animal weighing
- Automatic repeatability test
- Density determination
- Multilevel backweighing
- Checkweighing
- Dynamic difference weighing
- Net total application: Add up summation (Dosing program)
- Pipette calibration, optionally with evaporation trap
- Free conversion Area conversion (Paper program)
- Buoyancy error suppression technology
- Maintenance Service Package

RANGE OF PRECISA BALANCES AND SCALES

Models with* are Dual Ranges

Models with ** are Floating Ranges

Models in *Italic*: Not EC type approved

- Balances PRECISA
- Scales PRECISA (Industrial)

Readability

	0.01 mg SM	0.1 mg A	1 mg M	0.01 g C	0.1 g D	1 g G
100 g			BJ			
120 g		H_ EP ES LT LX LS XB [®]				
125 g	H_ H_** EP ES					
160 g			LT LS			
220 g		H_ EP ES LT LX LS XB [®] IM	BC			
225 g	H_ H_** EP ES					
320 g		H_ EP ES LT LX LS	EP ES LT LX LS XB [®]	LT LS		
410 g				BJ		
420 g		EP ES IM	EP** ES**			
520 g		H_ EP ES				
610 g				BJ		
620 g			EP** ES** LT LX LS XB [®]	EP** ES** LT LX LS		
920 g			EP ES LT LX LS			
1200 g				EP ES LT LX LS BJ		
1220 g			EP ES LT LX LS IM	EP** ES**		
2100 g					BJ	
2200 g				EP ES LT LX LS XB [®] BJ		
2220 g			EP ES			
3200 g				LT LS XB [®] BC	EP** ES** LT LX LS XB [®]	
4100 g					BJ	
4200 g				EP ES LT LX LS XB [®]		
6100 g					BJ	BJ
6200 g				EP ES LT LX LS XB [®] IM	EP/EP** ES/ES** LT LX LS XB [®]	
8100 g					BJ	
8200 g				EP ES	EP/EP* EP/ES*	
10200 g					LT LX LS	LT LX LS
12100 g					IBK	BJ
12200 g					EP ES	EP ES
18100 g					IBK	
20100 g						IBK
24100 g					IBK	
30100 g						IBK
34100 g					IBK	IBK*/IBK**
40100 g						IBK
60100 g						IBK

Capacity



PRECISION BALANCES 0.01 g



SERIES 360 EP



Model	Capacity	Readability	Repeatability	Linearity	Pan Size (mm)	Class / „e“	Response Time	Item No.
EP 1200C	1 200 g	0.01 g	0.01 g	10 mg	200 x 200	II / 0.1 g	1.5 s	360-9437-001
EP 2200C	2 200 g	0.01 g	0.01 g	15 mg	200 x 200	II / 0.1 g	1.5 s	360-9438-001
EP 4200C	4 200 g	0.01 g	0.01 g	15 mg	200 x 200	II / 0.1 g	1.5 s	360-9439-001
EP 6200C	6 200 g	0.01 g	0.01 g	15 mg	200 x 200	II / 0.1 g	1.5 s	360-9440-001
EP 8200C	8 200 g	0.01 g	0.01 g	15 mg	200 x 200	II / 0.1 g	1.5 s	360-9441-001
EP 6200C-FR	2 200 g - 6 200 g	0.01 g / 0.1 g	0.01 g / 0.02 g	15 mg / 0.02 g	200 x 200	II / 0.1 g	1.5 s	360-9442-001
EP 8200C-DR	3 200 g / 8 200 g	0.01 g / 0.1 g	0.01 g / 0.03 g	15 mg / 0.05 g	200 x 200	II / 0.1 g	1.5 s	360-9443-001



SERIES 360 ES



Model	Capacity	Readability	Repeatability	Linearity	Pan Size (mm)	Class / „e“	Response Time	Item No.
ES 1200C	1 200 g	0.01 g	0.01 g	10 mg	200 x 200	II / 0.1 g	1.5 s	360-9444-001
ES 2200C	2 200 g	0.01 g	0.01 g	15 mg	200 x 200	II / 0.1 g	1.5 s	360-9445-001
ES 4200C	4 200 g	0.01 g	0.01 g	15 mg	200 x 200	II / 0.1 g	1.5 s	360-9446-001
ES 6200C	6 200 g	0.01 g	0.01 g	15 mg	200 x 200	II / 0.1 g	1.5 s	360-9447-001
ES 8200C	8 200 g	0.01 g	0.01 g	15 mg	200 x 200	II / 0.1 g	1.5 s	360-9448-001
ES 6200C-FR	2 200 g - 6 200 g	0.01 g / 0.1 g	0.01 g / 0.02 g	15 mg / 0.02 g	200 x 200	II / 0.1 g	1.5 s	360-9449-001
ES 8200C-DR	3 200 g / 8 200 g	0.01 g / 0.1 g	0.01 g / 0.03 g	15 mg / 0.05 g	200 x 200	II / 0.1 g	1.5 s	360-9450-001



SERIES 321 LT



Model	Capacity	Readability	Repeatability	Linearity	Pan Size (mm)	Class / „e“	Response Time	Item No.
LT 320C	320 g	0.01 g	0.005 g	10 mg	200 x 200	II / 0.01 g	1.5 s	321-9470-001
LT 620C	620 g	0.01 g	0.005 g	10 mg	200 x 200	II / 0.1 g	1.5 s	321-9471-001
LT 1200C	1 200 g	0.01 g	0.01 g	10 mg	200 x 200	II / 0.1 g	1.5 s	321-9472-001
LT 2200C	2 200 g	0.01 g	0.01 g	15 mg	200 x 200	II / 0.1 g	1.5 s	321-9473-001
LT 3200C	3 200 g	0.01 g	0.01 g	15 mg	200 x 200	II / 0.1 g	1.5 s	321-9474-001
LT 4200C	4 200 g	0.01 g	0.01 g	15 mg	200 x 200	II / 0.1 g	1.5 s	321-9475-001
LT 6200C	6 200 g	0.01 g	0.01 g	15 mg	200 x 200	II / 0.1 g	1.5 s	321-9476-001



SERIES 321 LX



Model	Capacity	Readability	Repeatability	Linearity	Pan Size (mm)	Class / „e“	Response Time	Item No.
LX 620C	620 g	0.01 g	0.005 g	10 mg	200 x 200	II / 0.1 g*	1.5 s	321-9452-002
LX 1200C	1 200 g	0.01 g	0.01 g	10 mg	200 x 200	II / 0.1 g*	1.5 s	321-9453-002
LX 2200C	2 200 g	0.01 g	0.01 g	15 mg	200 x 200	II / 0.1 g*	1.5 s	321-9454-002
LX 4200C	4 200 g	0.01 g	0.01 g	15 mg	200 x 200	II / 0.1 g*	1.5 s	321-9456-002
LX 6200C	6 200 g	0.01 g	0.01 g	15 mg	200 x 200	II / 0.1 g*	1.5 s	321-9457-002



SERIES 321 LS



Model	Capacity	Readability	Repeatability	Linearity	Pan Size (mm)	Class / „e“	Response Time	Item No.
LS 320C	320 g	0.01 g	0.005 g	10 mg	200 x 200	II / 0.01 g*	1.5 s	321-9466-002
LS 620C	620 g	0.01 g	0.005 g	10 mg	200 x 200	II / 0.1 g*	1.5 s	321-9459-002
LS 1200C	1 200 g	0.01 g	0.01 g	10 mg	200 x 200	II / 0.1 g*	1.5 s	321-9460-002
LS 2200C	2 200 g	0.01 g	0.01 g	15 mg	200 x 200	II / 0.1 g*	1.5 s	321-9461-002
LS 3200C	3 200 g	0.01 g	0.01 g	15 mg	200 x 200	II / 0.1 g*	1.5 s	321-9462-002
LS 4200C	4 200 g	0.01 g	0.01 g	15 mg	200 x 200	II / 0.1 g*	1.5 s	321-9463-002
LS 6200C	6 200 g	0.01 g	0.01 g	15 mg	200 x 200	II / 0.1 g*	1.5 s	321-9464-002

* Initially verified with SCS (-001) only

PRECISION BALANCES 0.1 – 1 g



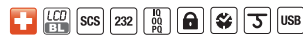
SERIES 360 EP



Model	Capacity	Readability	Repeatability	Linearity	Pan Size (mm)	Class / „e“	Response Time	Item No.
EP 6200D	6 200 g	0.1 g	0.05 g	0.1 g	200 x 200	II / 1 g	1 s	360-9534-001
EP 8200D	8 200 g	0.1 g	0.1 g	0.15 g	200 x 200	II / 1 g	1 s	360-9535-001
EP 12200D	12 200 g	0.1 g	0.1 g	0.15 g	200 x 200	II / 1 g	2 s	360-9536-001
EP 12200G	12 200 g	1 g	0.5 g	0.5 g	200 x 200	II / 1 g	1.5 s	360-9613-001



SERIES 360 ES



Model	Capacity	Readability	Repeatability	Linearity	Pan Size (mm)	Class / „e“	Response Time	Item No.
ES 6200D	6 200 g	0.1 g	0.05 g	0.1 g	200 x 200	II / 1 g	1 s	360-9537-001
ES 8200D	8 200 g	0.1 g	0.1 g	0.15 g	200 x 200	II / 1 g	1 s	360-9538-001
ES 12200D	12 200 g	0.1 g	0.1 g	0.15 g	200 x 200	II / 1 g	2 s	360-9539-001
ES 12200G	12 200 g	1 g	0.5 g	0.5 g	200 x 200	II / 1 g	1.5 s	360-9614-001



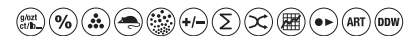
SERIES 321 LT



Model	Capacity	Readability	Repeatability	Linearity	Pan Size (mm)	Class / „e“	Response Time	Item No.
LT 3200D	3 200 g	0.1 g	0.05 g	0.1 g	200 x 200	II / 0.1 g	1 s	321-9555-001
LT 6200D	6 200 g	0.1 g	0.05 g	0.1 g	200 x 200	II / 1 g	1 s	321-9556-001
LT 10200D	10 200 g	0.1 g	0.1 g	0.15 g	200 x 200	II / 1 g	2 s	321-9557-001
LT 10200G	10 200 g	1 g	0.5 g	0.5 g	200 x 200	II / 1 g	1.5 s	321-9617-001



SERIES 321 LX



Model	Capacity	Readability	Repeatability	Linearity	Pan Size (mm)	Class / „e“	Response Time	Item No.
LX 3200D	3 200 g	0.1 g	0.05 g	0.1 g	200 x 200	II / 0.1 g*	1 s	321-9547-002
LX 6200D	6 200 g	0.1 g	0.05 g	0.1 g	200 x 200	II / 1 g*	1 s	321-9548-002
LX 10200D	10 200 g	0.1 g	0.1 g	0.15 g	200 x 200	II / 1 g*	2 s	321-9549-002
LX 10200G	10 200 g	1 g	0.5 g	0.5 g	200 x 200	II / 1 g*	1.5 s	321-9615-002



SERIES 321 LS



Model	Capacity	Readability	Repeatability	Linearity	Pan Size (mm)	Class / „e“	Response Time	Item No.
LS 3200D	3 200 g	0.1 g	0.05 g	0.1 g	200 x 200	II / 0.1 g*	1 s	321-9550-002
LS 6200D	6 200 g	0.1 g	0.05 g	0.1 g	200 x 200	II / 1 g*	1 s	321-9551-002
LS 10200D	10 200 g	0.1 g	0.1 g	0.15 g	200 x 200	II / 1 g*	2 s	321-9552-002
LS 10200G	10 200 g	1 g	0.5 g	0.5 g	200 x 200	II / 1 g*	1.5 s	321-9616-002

* Initially verified with SCS (-001) only



PRECISION BALANCES 0.001 – 1 g



EP: excellently readable bright, high-resolution graphic display



ES: easy to read display with sealed keypad resistant to chemicals



RS232 and USB interfaces are standard - wireless, Bluetooth, USB host etc are optional



Bubble level located at the front; provides easier adjustment

Options	360 EP	360 ES	321 LX	321 LT/LS
Initially verified according to 2014/31/EU by Precisa, available for balances with EC/(OIML) type approval and SCS only	350-8679	350-8679	350-8685	350-8685
SCS (self calibration system) with clock, automatic on temperature change and real-time programmable	standard	standard	321-xxxx-001	LT: standard LS: 321-xxxx-001
IP65 (protection against ingress of dust and low pressure water jets), fitted at factory, for 0.01g, 0.1g and 1g balances only (others on request)	350-8694	350-8694	350-8695	350-8695

Accessories	360 EP	360 ES	321 LX	321 LT/LS
Draft shield 320 XB, height 260mm	350-8519	350-8519	350-8519	standard
Draft shield easy (glass with cover)	320-8504	320-8504	320-8504	320-8504
Pedal for tare or print function	—	—	350-8814	350-8814
Hook for weighing below the balance	350-8527	350-8527	350-8527	350-8527
Desk power adapter with EU plug, 80V - 240V, for balances with IP65 (protection against ingress of dust and low pressure water jets)	350-8372	350-8372	350-8372	350-8372
Glass body for density determination of liquids, V = 10cm ³	350-7054	350-7054	350-7054	350-7054
Animal weighing bowl complete, for 0.01g, 0.1g and 1g balances	350-8551	350-8551	350-8551	350-8551
Dust cover for the whole balance, set of 20 pieces	350-8663	350-8663	350-8686	350-8686

Slide-in Modules	360 EP	360 ES
PrecisaBUS converter, enables connection to almost all PrecisaBUS accessories	—	350-8664
USB host	350-8665	—
Ethernet wired	350-8666	—
Ethernet wireless	350-8667	—
Bluetooth	350-8668	—
PS/2 f & RS232 DB9 f	350-8670	—

Additional Accessories & Applications
- PrecisaBUS accessories, see Special Products on page 28/29
- SmartBox® applications, see Special Products on page 28/29
- Further accessories, see Special Products on page 28/29