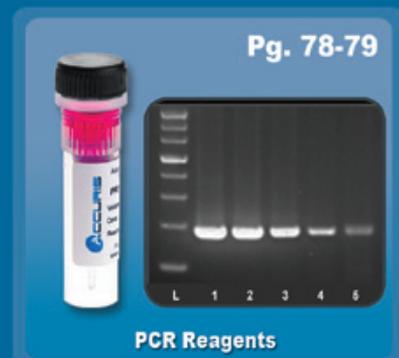
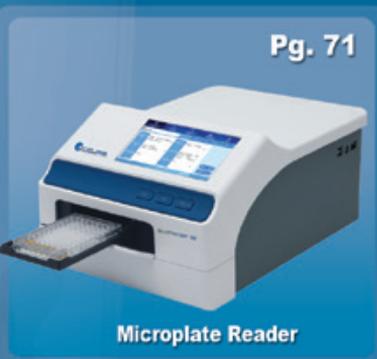


# Accuris™ Instruments



## Accuris™ Classic Analytical Balances



- + Readable to 0.0001g (0.1 mg)
- + Available with Quick-Cal™ internal calibration option
- + Multiple program options (standard weighing, count mode & percent)

Accuris Analytical Balances provide accuracy and precision for the most demanding research applications. Two capacity options are available, each incorporating a highly precise, electromagnetic force restoration sensor to deliver unsurpassed accuracy & readability to 0.0001g (0.1 mg). Although all models incorporate in-lab calibration firmware, they are also available with a unique Quick-Cal™ function (Items: W3100A-120 & W3100A-210) that provides fast, reliable internal calibration with the push of a button.

Item No.*	W3100-120	W3100-210	W3100A-120	W3100A-210
Calibration	External (100g cal. weight included)		Internal Quick-Cal™	
Capacity	120 grams	210 grams	120 grams	210 grams
Readability	0.0001 grams		0.0001 grams	
Repeatability/Linearity	0.0001 / 0.0002		0.0001 / 0.0002	
Pan Size	Stainless Steel: 3.5 in. Ø (9cm)		Stainless Steel: 3.5 in. Ø (9cm)	
Weighing Units	g, oz, lb, ct, pieces, %		g, oz, lb, ct, pieces, %	
Draft Shield	Yes, glass		Yes, glass	
Exterior Dims. (W x D x H)	32 x 47 x 28 cm 12.5 x 18.5 x 11 in.		32 x 47 x 28 cm 12.5 x 18.5 x 11 in.	



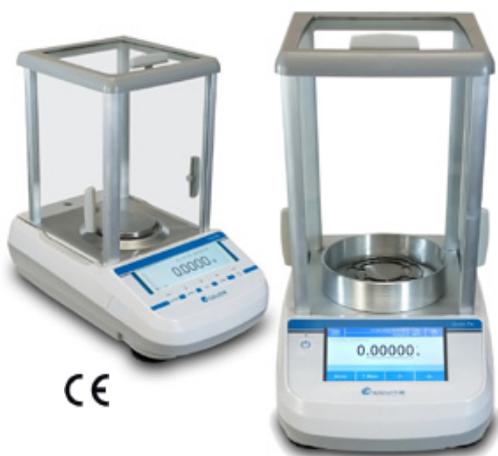
Shield opens from the left, right, and top for easy access



Extended base, limits vibration & improves stability

\*Includes US plug. For EU plug, please add (-E).

## Accuris™ Series Dx & Tx Analytical Balances



- + Readable to 0.01 mg (W3002A-120)
- + Quick-Cal™ internal calibration
- + RS232 port for printer connection
- + Available with full color touch screen (series TX)

The Series Dx and Tx analytical balances are the most advanced in the Accuris line with a precisely engineered Electromagnetic Force Restoration (EFR) weigh cell to accurately determine masses to sub milligram levels. Both series include internal calibration, ensuring that the balance is always calibrated and ready for use. Auto calibration can also be set to occur at specific time intervals depending on user preference. The Tx Series features a large, high resolution touch screen presenting the user with an icon-based menu system and allowing quick and intuitive access to a wide range of useful functions.

Item No.*	W3101A-120	W3101A-220	W3002A-120	W3002A-220
Capacity	120 grams	220 grams	120 grams	220 grams
Readability	0.0001g (0.1mg)		62g x 0.01mg 120g x 0.1mg	220g x 0.1mg
Linearity	± 0.2mg		± 0.08mg ± 0.2mg	± 0.2mg
Repeatability	± 0.1mg		± 0.03mg ± 0.1mg	± 0.1mg
Calibration	Internal Quick Cal™ and External			
Pan Size (round)	80mm			
Weighing Units	g, mg, carats, oz, lbs, dwt, t oz, gn			
Display Type	5.25 x 1.5 in. backlit LCD		4.25 x 2.5 in. color touch screen	
Exterior Dims. (W x D x H)	34.29 x 21.59 x 33.02 cm 13.5 x 8.5 x 13 in.			



High resolution touch screen



RS232 & USB port for Printer, PC & flash drive connections

\*Includes US plug. For EU plug, please add (-E).



Compact



Precision

*Variable capacitance technology offers reliability, precision and fast stabilization*

- + Large, user-friendly interface
- + Easy, in-lab calibration
- + RS232 port for data output and printing
- + Multiple program options (standard weighing, count mode, percent, etc.)



Accuris **Compact** and **Precision** balances quickly and accurately display sample mass measurements on a large, backlit LCD control panel. Utilizing a highly precise, gold plated ceramic capacitance sensor, these balances can provide reliable measurements to 0.001 grams (Precision models). All models feature multiple program options for standard weighing, count (or pieces) mode, as well as percent calculation. In addition, each balance incorporates firmware for easy and reliable, in-lab calibration.

The economical **Compact** balances are ideal for a wide range of **general weighing** applications. They are available with a readability of 0.01g or 0.1g. Six models cover a range of up to 10,000 grams. With enhanced shock resistance and overload protection, the **Compact** series is ideal for general purpose weighing at medium precision, in varying environments.

The **Precision** series balances are designed for more critical laboratory applications. Engineered for true **research grade** weighing capabilities, these balances offer higher levels of precision and readability (0.01g and 0.001g). They are useful for any laboratory application that does not require a dedicated analytical balance with sub-milligram readability. Advanced software ensures error-free weighing for various applications, including count weighing, percent calculation and inspection mode.

## Compact Balances

Item No.*	W3300-120	W3300-300	W3300-500	W3300-1200	W3300-5K	W3300-10K
Capacity:	120 grams	300 grams	500 grams	1200 grams	5000 grams	10000 grams
Readability:	0.01 grams	0.01 grams	0.01 grams	0.1 grams	0.1 grams	0.1 grams
Pan Size (round):	11.5cm / 4.5 in.			16cm / 6.3 in.	18cm / 7 in.	18cm / 7 in.
Repeatability/Linearity:	0.01 / 0.02			0.1 / 0.2		
Draft Shield:	Yes, plastic ring			No		
Weighing Units:	g, oz, ct, pieces, %					
Calibration:	External					
Exterior Dims.: (W x D x H)				18.8 x 28 x 8 cm 7.5 x 11 x 3.1 in.		

## Precision Balances

Item No.*	W3200-120	W3200-320	W3200-500	W3200-1200	W3200-3200	W3200-5K
Capacity:	120 grams	320 grams	500 grams	1200 grams	3200 grams	5000 grams
Readability:	0.001 grams	0.001 grams	0.001 grams	0.01 grams	0.01 grams	0.01 grams
Pan Size (round):	11.5cm / 4.5 in.			16cm / 6.3 in.		
Repeatability/Linearity:	0.001 / 0.002			0.01 / 0.02		
Draft Shield:	Yes, 3-door glass enclosure			No		
Weighing Units:	g, oz, ct, pieces, %					
Calibration:	External					
Exterior Dims.: (W x D x H)	20.5 x 35 x 31cm 8 x 13.75 x 12.25 in.			20.5 x 35 x 8cm 8 x 13.75 x 3.1 in.		

\*Includes US plug. For EU plug, please add (-E).



- + Super compact, less than 3" wide
- + Easy to read, backlit LCD
- + Calibration function
- + Includes two AAA batteries
- + Snap on, protective cover

Accuris Mini Balances are extraordinarily compact, easy to use, and convenient for a variety of laboratory weighing applications. With a footprint of only 2.6 x 3.9 inches, they offer exceptional accuracy and linearity through their full range.

Available with a 100g or 500g capacity, these balances feature an easy to read, backlit, digital liquid crystal display and an in-lab calibration function (weights sold separately). ON/OFF, MODE & TARE buttons are easily accessed.

Powered by 2 AAA batteries (included), power shuts off after 1 minute of sitting idle to conserve battery life. Ideal for lab or field use, each balance includes a snap on, protective cover with convenient, printed instructions.

### Ordering Information:

Item No.	Description:
W4000-100	Accuris™ Mini Balance, 100g capacity (0.01g readability)
W4000-500	Accuris™ Mini Balance, 500g capacity (0.1g readability)



Optional in-lab calibration weights

Protective cover, included

Model	Mini 100g	Mini 500g
Max Capacity :	100 grams	500 grams
Readability:	0.01 g	0.1 g
Calibration:	External	
Pan Size:	2.1 x 2.25 in / 5.3 x 5.7 cm	
Weighing Units:	g, ct, dwt, gn	
Display:	backlit LCD	
Power:	2 AAA batteries	
Exterior Dims.:	2.6 x 3.9 x 0.75 in / 6.6 x 9.9 x 1.9 cm	

## Accuris™ Calibration Weights



- + Various individual and weight sets available
- + Choose E2, F1, or M1 OIML class
- + Includes Certificate of Verification

Accuris calibration weights are ideal for routine calibration of your Accuris (or any brand) lab balance. Single weights as well as complete weight sets are available in various tolerance classes: OIML class E2, F1, and M1.

M1 Class: Ideal for basic (compact) 0.1 to 0.01g readability balances  
 F1 Class: Suitable for precision 0.01 to 0.001g readability balances  
 E2 Class: Recommended for analytical 0.0001g readability balances

Individual weights come in a protective case. Weight sets include a protective carrying case with foam liner. All weights are supplied with a certificate of verification.

### Ordering Information:

Item No.	Description:
W1000-100	Accuris™ Calibration Weight (F1 grade) 100g
W1000-200	Accuris™ Calibration Weight (F1 grade) 200g
W1000-500	Accuris™ Calibration Weight (F1 grade) 500g
W1000-1000	Accuris™ Calibration Weight (F1 grade) 1kg
W1005-20	Accuris™ Calibration Weight (M1 grade) 20g
W1005-100	Accuris™ Calibration Weight (M1 grade) 100g
W1005-200	Accuris™ Calibration Weight (M1 grade) 200g
W1005-500	Accuris™ Calibration Weight (M1 grade) 500g
W1005-1000	Accuris™ Calibration Weight (M1 grade) 1kg
W1005-2000	Accuris™ Calibration Weight (M1 grade) 2kg
W1000-TF	Tweezers, for handling calibration weights
W1101-6-100	Calibration set for Analytical Balances (Class E2) 6 pcs: 100mg, 10g, 2x20g, 50g, 100g, incl. protective case, tweezers & cleaning cloth
W1100-200	Calibration set for Precision Balances (Class F1) 23 pcs, 1mg to 200g, includes protective case, tweezers, dust brush and cleaning cloth
W1105-9-1000	Economy calibration set for compact balances (Class M1), 9 pcs: 10g, 2x20g, 50g, 100g, 2x200g, 500g, 1kg, includes protective case

# ASPIRE™ Laboratory Aspirator



- + Compact design
- + Built-in vacuum pump
- + Adjustable vacuum control
- + Vacuum gauge
- + Overflow protection
- + Autoclavable

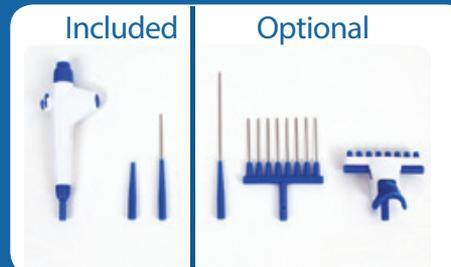
CE

Quietly and safely aspirate liquids



## Comes complete with:

- Base with internal vacuum pump
- 2 Liter, polycarbonate collection bottle
- Antibacterial / hydrophobic filter
- Silicone tubing
- Handheld vacuum controller (A)
- Adapter for 200µl pipette tips (B)
- Adapter, fine stainless steel, 40mm (C)



### Ordering Information:

Item No.	Description:
V0020*	<b>ASPIRE™ Laboratory Aspirator, 115V</b> Includes base with internal vacuum pump, 2L polycarbonate bottle with lid, silicone tubing, handheld vacuum controller and single channel adapters
V1002-1SL	Optional single channel adapter, X-long (80mm) stainless steel (D)
V1002-58	Optional eight channel adapter, fine tip stainless steel (E)
V1002-8	Optional 8-channel adapter, for use with 200µl pipette tips (F)
V1002	Handheld vacuum controller with single channel adapters (A, B, C / included), can be used with in house systems
V0020-F1	Hydrophobic filter (1 included)
V0020-QD	Optional quick disconnect kit for collection bottle, includes 2 male/female attachments & silicone tubing
V0020-BOT	Graduated, PC collection bottle with lid (included)
V0020-TB	Extra vacuum tubing with connector, 1 meter

\*115V with US plug. For 230V (EU plug), add (-E).

### Technical Data:

Max. Aspiration Rate:	<b>14ml / sec.</b>
Max. Flow Rate:	<b>15L / min.</b>
Vacuum Range:	<b>-30mbar to -750mbar</b>
Noise Level:	<b>59.6 db</b>
Dimensions: (W x D x H)	<b>9.5 x 7.9 x 13.5 in. 24 x 20 x 34 cm</b>
Weight:	<b>4.8lbs (2.2kg)</b>
Electrical:	<b>115V, or 230V, 50Hz to 60Hz</b>
Warranty:	<b>2 years</b>

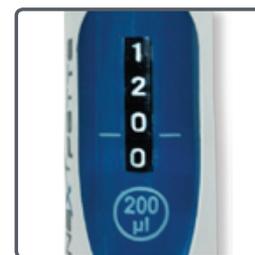


Fully Autoclavable

## NextPette™ Precision Pipettes

# NEXTPETTE™

- + Market leading accuracy and precision
- + One-handed, thumb wheel volume adjustment
- + Volume lock
- + Ceramic pistons (on 20, 100, 200 and 1000µl models)



Large, 4 digit volume display faces the user

### Ordering Information & Technical Data:

Item No.*	Description:	Inaccuracy:	Imprecision:	Tip Size:
P7700-1	NextPette™ Variable Volume Pipette 0.1 to 1.0 µl	± 20 to 2%	± 12 to 1.2%	10 µl
P7700-10	NextPette™ Variable Volume Pipette 0.5 to 10 µl	± 3.8 to 0.5%	± 4 to 0.5%	10 µl
P7700-20	NextPette™ Variable Volume Pipette 2 to 20 µl	± 3 to 0.8%	± 3 to 0.8%	200 µl
P7700-100	NextPette™ Variable Volume Pipette 10 to 100 µl	± 1.5 to 0.8%	± 1.5 to 0.8%	200 µl
P7700-200	NextPette™ Variable Volume Pipette 20 to 200 µl	± 1.2 to 0.6%	± 1.0 to 0.6%	200 µl
P7700-1000	NextPette™ Variable Volume Pipette 100 to 1000 µl	± 1.5 to 0.6%	± 1.0 to 0.6%	1000 µl
P7700-5M	NextPette™ Variable Volume Pipette 1ml to 5ml*	± 0.6 to 0.5%	± 0.6 to 0.5%	5 ml*
P7700-10M	NextPette™ Variable Volume Pipette 1ml to 10ml**	± 2.5 to 0.5%	± 2.0 to 0.5%	10 ml**
P7700-CAR	NextPette™ Carousel stand holds 6 NextPette Pipettes			
P7700-S1	Micro NextPette™ Starter Set, includes 4 pipettes (P7700-10, P7700-20, P7700-200 and P7700-1000) and a carousel stand			
P7700-S2	Macro NextPette™ Starter Set, includes 4 pipettes (P7700-200, P7700-1000, P7700-5M*, P7700-10M**) and a carousel stand			
P7700-T5M	5ml Pipette Tips, fit 1ml to 5ml NextPette, (P7700-5M), 100 per pack			
P7700-T10M	10ml Pipette Tips, fit 1ml to 10ml NextPette (P7700-10M), 100 per pack			

\*Requires pipette tip P7700-T5M \*\*Requires pipette tip P7700-T10M



- + Intuitive, 7 inch color touch screen control panel
- + Filter based system, wavelength range from 340 to 750nm
- + Stand alone system, with USB flash drive for data transfer
- + Absorbance range: 0.0 to 4.000 Abs
- + Integrated, multispeed plate shaker



Plate Layout Menu

### Technical Data:

Control and Display:	<b>7" touch screen, 800x480 pixels</b>
Light Source:	<b>Quartz halogen lamp, 6V/10W</b>
Wavelength Range:	<b>340-750nm</b>
Read-out Range:	<b>0-4.000 Abs</b>
Linearity (405nm)	<b>0-2.00 Abs &lt;+1% 2-4.000 Abs &lt;+2%</b>
Resolution:	<b>0.001 Abs</b>
Accuracy (405nm)	<b>+1% (0-3 Abs) +2% (3-4 Abs)</b>
Precision (405nm)	<b>CV≤0.2% (0-3 Abs) CV≤1.0% (3-4 Abs)</b>
Test Speed:	<b>&lt;6 seconds for a 96 well plate</b>
Shaking:	<b>Slow, medium or fast mode</b>
User Interface:	<b>Menu driven software, touch screen</b>
Storage:	<b>200 programs, 100,000 test records</b>
Ports:	<b>USB for printer, mouse, PC and flash drive</b>
Dimensions: (W x D x H)	<b>11.6 x 17 x 8.75 in. 29.5 x 44 22.5 cm</b>
Weight:	<b>22 lbs (10kg)</b>
Electrical:	<b>115V or 230V, 50Hz to 60Hz</b>
Warranty:	<b>2 years</b>

SmartReader™ 96 is a welcome addition to laboratories routinely measuring concentration or absorbance in 96 well plates. A stand alone system, the reader features a seven inch color touch screen, multispeed shaker, intuitive software and graphical interface - no computer connections or additional software are needed.

Four popular filters are preinstalled: 405, 450, 492 and 630nm. Twenty six additional filters are available to cover the range from 340 to 750nm. Eight filters can be loaded at one time in the integrated filter wheel and selected during programming. Operation and programming are intuitive and achieved using the touch screen or optional mouse. Menus allow the user to choose the filter, set shaking parameters and enter details of the plate layout and choose details for the reading protocol and data calculations. Immediately after reading a plate, the measured data is available on the screen, as are calculations, curve fitting and data interpretation.

The USB port can be used for firmware updates as well as data transfer and printing.

### Ordering Information:

Item No.*	Description:
MR9600	SmartReader™ 96 Microplate Absorbance Reader for 96 well plates, 115V
Accessories	
MR9600-TP	Thermal Printer for SmartReader 96
MR9600-PA	Extra paper rolls for MR9600-TP printer, pk/4
MR9600-340	Filter for SmartReader 96 Microplate Reader, 340 nm
MR9600-380	Filter for SmartReader 96 Microplate Reader, 380 nm
MR9600-405	Filter for SmartReader 96 Microplate Reader, 405 nm
MR9600-415	Filter for SmartReader 96 Microplate Reader, 415 nm
MR9600-420	Filter for SmartReader 96 Microplate Reader, 420 nm
MR9600-450	Filter for SmartReader 96 Microplate Reader, 450 nm
MR9600-470	Filter for SmartReader 96 Microplate Reader, 470 nm
MR9600-490	Filter for SmartReader 96 Microplate Reader, 490 nm
MR9600-492	Filter for SmartReader 96 Microplate Reader, 492 nm
MR9600-510	Filter for SmartReader 96 Microplate Reader, 510 nm
MR9600-520	Filter for SmartReader 96 Microplate Reader, 520 nm
MR9600-532	Filter for SmartReader 96 Microplate Reader, 532 nm
MR9600-540	Filter for SmartReader 96 Microplate Reader, 540 nm
MR9600-546	Filter for SmartReader 96 Microplate Reader, 546 nm
MR9600-560	Filter for SmartReader 96 Microplate Reader, 560 nm
MR9600-562	Filter for SmartReader 96 Microplate Reader, 562 nm
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MR9600-620	Filter for SmartReader 96 Microplate Reader, 620 nm
MR9600-630	Filter for SmartReader 96 Microplate Reader, 630 nm
MR9600-646	Filter for SmartReader 96 Microplate Reader, 646 nm
MR9600-650	Filter for SmartReader 96 Microplate Reader, 650 nm
MR9600-663	Filter for SmartReader 96 Microplate Reader, 663 nm
MR9600-680	Filter for SmartReader 96 Microplate Reader, 680 nm
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MR9600-700	Filter for SmartReader 96 Microplate Reader, 700 nm
MR9600-750	Filter for SmartReader 96 Microplate Reader, 750 nm

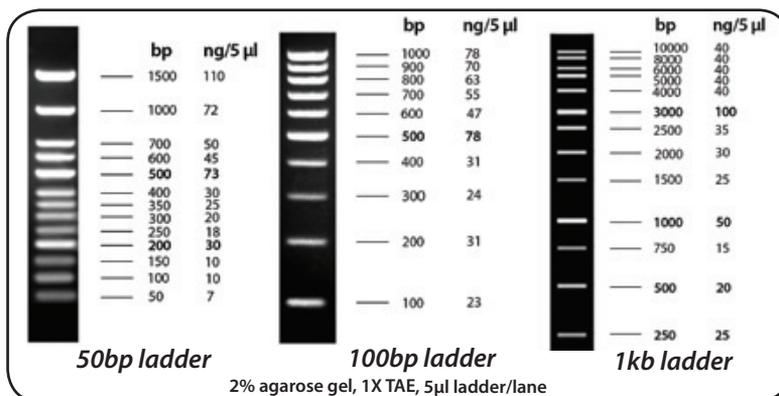
\*115V with US plug. For 230V (EU plug), add (-E).



- + Three size ranges: 50bp, 100bp and 1kb
- + Ready to use formulation includes loading buffer and tracking dye
- + Higher intensity reference bands
- + Concentration of 1 µg/µl - load 5 µl/lane
- + Ultra pure production allows for economical ambient shipping

### Ordering Information:

Item No.	Description:
PR4005-100	SmartCheck™ 50bp ladder, 500µl, 100 lanes
PR4005-500	SmartCheck™ 50bp ladder, 5x500µl, 500 lanes
PR4010-100	SmartCheck™ 100bp ladder, 500µl, 100 lanes
PR4010-500	SmartCheck™ 100bp ladder, 5x500µl, 500 lanes
PR4100-100	SmartCheck™ 1kb ladder, 500µl, 100 lanes
PR4100-500	SmartCheck™ 1kb ladder, 5x500µl, 500 lanes



## QuickSilver™ Powdered Buffers

### QuickSILVER™ Powdered Buffer Packs

- + Premeasured pouches with quick dissolving powder
- + Makes 1L of ready to use 1X solution
- + No pH adjustment needed
- + Economical shipping with long shelf life
- + Guaranteed quality and consistency batch to batch

QuickSilver powdered buffer packs offer the convenience of quickly making a 1X working solution, eliminating weighing of chemicals and diluting stock solutions. Each precisely measured pouch of quick dissolving granules makes 1 liter of ready to use buffer. No pH adjustment is necessary. Tubular pouches have a tear off end and are supplied in easy access dispenser boxes. Buffers are tested to be free of DNase, RNase and protease activity. Quality and consistency are guaranteed.

### Ordering Information:

Item No.	Description:
EB1000	TAE Buffer Powder, each pouch makes 1L of 1X, 100 pouches
EB1001	TBE Buffer Powder, each pouch makes 1L of 1X, 50 pouches
EB1002	Fast Running Buffer Powder, each pouch makes 1L of 1X, 100 pouches
EB1100	Tris-Glycine-SDS Buffer Powder, each pouch makes 1L of 1X, 50 pouches
EB1101	Tris-MES-SDS Buffer Powder, each pouch makes 1L of 1X, 50 pouches
EB1102	Tris-MOPS-SDS Buffer Powder, each pouch makes 1L of 1X, 50 pouches
EB1200	PBS Buffer Powder, each pouch makes 1L of 1X, 100 pouches
EB1201	PBS-T Buffer Powder, each pouch makes 1L of 1X, 100 pouches
EB1202	TBS Buffer Powder, each pouch makes 1L of 1X, 100 pouches
EB1203	TBS-T Buffer Powder, each pouch makes 1L of 1X, 100 pouches



Convenient, premeasured packs



Just add pouch contents to water and stir to dissolve



Supplied with preprinted bottle labels

## MYGEL™ mini

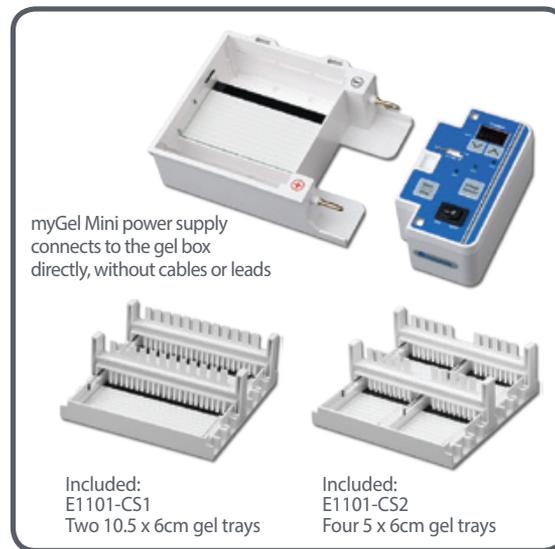


- + Complete system  
(Includes gel tank, power supply & casting accessories)
- + Quick and easy gel casting  
(No spacers or clamps required)
- + Compact design, 7.5 x 5 in. footprint

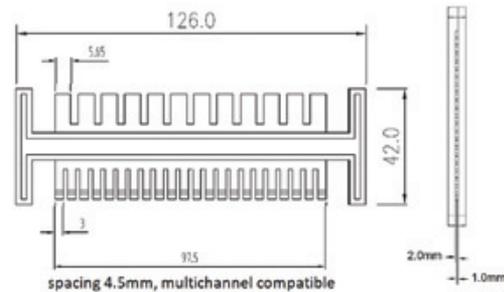
The Accuris myGel Mini Electrophoresis System includes all the equipment you need to get up and running - gel tank, power supply and 2 complete casting sets. Ideal for personal use, small laboratories, or the classroom, this gel box/power supply combination is compact and easy to use.

The myGel Mini power supply attaches directly to the gel box for a secure connection every time. Selectable parameters include 3 preset voltages - 35, 50 and 100V - and a 99 minute timer. Parameters are set using the membrane keypad. The safety lid is vented to dissipate heat generated during electrophoresis, and features a viewing area above the gel. Current will only run through the system when the lid is properly in place on top of the gel box.

Trays and casting stands for both 10.5 x 6 cm and 5 x 6 cm gels are included with the myGel Mini system, as are double sided combs. The smaller tooth combs are compatible with multichannel pipettes. An optional casting set is available for 10.5 x 10cm gels. Casting is quick and easy - just place the tray in the casting stand and pour. The gel trays feature a dark contrast strip to help visualize wells while loading, and lines that fluoresce under UV and blue light to track the progress of the run.



Comb Dimensions (E1101-COMB1)



Large teeth: 5.65x1 mm, well volume 22.6µl for 0.5mm thick gel  
 Small teeth: 3x1mm, well volume 12µl for 0.5cm thick gel  
 3mm wide teeth taper from 2mm to 1mm at tip

### Ordering Information:

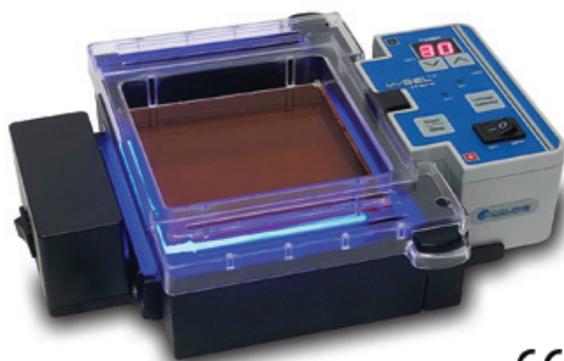
Item No.	Description:
E1101*	<b>MyGel™ Mini Electrophoresis System, complete with E1101-CS1 and E1101-CS2, 115V</b>
myGel Mini includes all of the below casting accessories:	
E1101-CS1	Extra casting set, for 10.5 x 6cm gels, includes two trays and two combs (22*/12 teeth)
E1101-COMB1	Extra double sided combs, 22*/12 teeth, for E1101-CS1 and E1200-CS1 casting sets, pk 2 (multi-channel compatible)
E1101-CS2	Extra casting set, for 5 x 6cm gels, includes four trays and two combs (18*/10 teeth)
E1101-COMB2	Extra double sided combs, 18*/10 teeth, for E1101-CS2 casting set, pk 2 (multi-channel compatible)
Additional casting set available:	
E1200-CS1	Casting set for 10.5 x 10cm gels, includes one tray and 2 combs (22*/12 teeth)

\*Multi-channel compatible  
 \*115V with US plug. For 230V (EU plug and step down transformer), add (-E).

### Technical Data:

Output Voltage:	<b>35V, 50V or 100V</b>
Timer:	<b>0-99 minute or continuous</b>
Safety:	<b>Magnetic and mechanical lid interlock</b>
Max. Buffer Volume:	<b>230 ml</b>
Gel Capacity:	<b>One 10.5 x 6cm, one 10.5x10cm or two 5 x 6cm</b>
Dimensions: (W x D x H)	<b>7.5 x 5.1 x 2.1 in. 19 x 13x 5.5 cm</b>
Weight:	<b>1 lbs (.45kg)</b>
Electrical:	<b>115V, 60Hz or 230V, 50Hz</b>
Warranty:	<b>2 years</b>

# myGel™ Mini InstaView™ Electrophoresis System



- + Complete system to run, visualize *and* document mini gels
- + Includes direct connect power supply, gel tank w/orange filter cover, casting set, blue light LED illuminator and smart phone imaging enclosure
- + View DNA migration and separation at any time during a run
- + Capture high resolution smart phone images without removing the gel from the tank

The new Accuris myGel Mini InstaView Electrophoresis System is a revolutionary product that allows viewing DNA separation as it happens. No longer is it necessary to stop your electrophoresis, remove the gel, and place it on a transilluminator to check the progress of the run.

The system's gel running tank is designed with a clear bottom and shaped to mate with the included LED transilluminator. The transilluminator's bright 465nm wavelength provides optimal excitation for common green fluorescent DNA stains (such as Accuris SmartGlow™, SYBR™ Green, Gel Green, and many others). The safety cover with orange viewing filter fits onto the top of the tank, and the recessed filter contacts the top surface of the buffer. This eliminates the possibility of fogging, and allows clear visualization of stained DNA as it migrates and separates. Results can be documented with a smart phone camera using the included imaging enclosure.

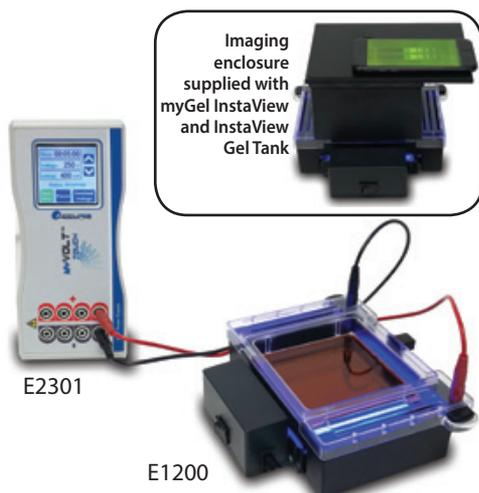
## Ordering Information:

Item No.	Description:
E1201*	MyGel™ Mini InstaView™ Electrophoresis System, complete with gel tank, power supply, E1200-CS1 casting set, blue LED transilluminator and imaging enclosure, 115V
E1200-CS1	Extra casting set, for 10.5x10cm gels, includes casting stand, gel tray and 2 double sided combs, (22"/12 teeth)
E1101-COMB1	Extra double sided combs, 22"/12 teeth, pack of 2

\*115V with US plug. For 230V (EU plug and step down transformer), add (-E).  
\*Multi-channel compatible

## Technical Data:

Output Voltage:	35V, 50V or 100V
Timer:	0-99 minute or continuous
Safety:	Magnetic switch
Max. Buffer Volume:	250 ml
Gel Capacity:	One 10.5x10cm gel, 0.5cm thick
Excitation Wavelength:	465nm
Dimensions with Enclosure: (W x D x H)	10x8.25x5.5 in/25.5x21x14cm
Weight:	2.3 lbs (1.04kg)
Electrical:	115V, 60Hz or 230V, 50Hz
Warranty:	2 years



Imaging enclosure supplied with myGel InstaView and InstaView Gel Tank

## InstaView™ Gel Tank

- + View sample migration *during* electrophoresis
- + Includes gel tank, blue LED transilluminator, orange filter cover and imaging enclosure
- + Capture high resolution smart phone images without removing the gel from the tank
- + Compatible with any basic power supply

## Ordering Information:

Item No.	Description:
E1200*	InstaView™ Gel Tank, complete with tank, 10.5x10cm gel tray and casting set, 2 double sided combs (22"/12 teeth,) orange filter, blue LED transilluminator and imaging enclosure (7.25x8.25x5.5 in/18.4x21x14cm with imaging enclosure), 115V
E2301*	myVolt™ Touch Power Supply, 1 to 300V, 400mA, 100W
E1200-CS1	Extra casting set, for 10.5x10cm gels, includes casting stand, gel tray and 2 double sided combs, (22"/12 teeth)
E1101-COMB1	Extra double sided combs, 22"/12 teeth, pack of 2

\*Multi-channel compatible  
\*115V with US plug. For 230V add (-E).



CE

## UV TRANSILLUMINATOR

For Viewing DNA and Protein in Electrophoresis Gels

- + Optimal for the excitation of EtBr
- + Dual intensity settings, (50% or 100%)
- + Hinged UV safety cover
- + Use with SmartDoc™ enclosure for gel imaging with a smart phone (pg.76)

### Ordering Information:

Item No.	Description:
E3000*	Accuris™ UV Transilluminator
E5001-SD	SmartDoc™ Imaging Enclosure with orange photo filter
E5001-590	SmartDoc photo filter, 590nm for imaging EtBr on UV
E5001-535	SmartDoc photo filter, 535nm for imaging green stains on UV

\*115V with US plug. For 230V (EU plug), add (-E).

### Technical Data:

Light Source:	UV
Wavelength:	302nm
Gel Viewing Surface:	16 x 19cm
Dimensions: (W x D x H)	10.5 x 13 x 5.5 in. 26.5x 32.5x 14 cm
Weight:	12 lbs (5.5kg)
Electrical:	115V or 230V, 50Hz to 60Hz
Warranty:	2 years



Optional viewing glasses

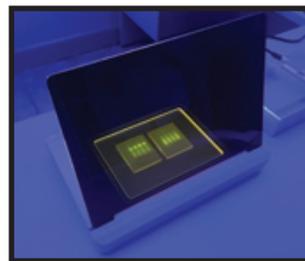


Compatible with SmartDoc™ (E5001-SD)

## SmartBlue™ Transilluminator

- + Safe blue light does not damage nucleic acid
- + Uniform Illumination (UI) provides even lighting
- + 465nm wavelength, optimal for green stains
- + Two position amber cover is also removable

## SMARTBLUE™



Markers stained with SmartGlow™ shown on SmartBlue



Amber cover in flat position for gel viewing / imaging

### Technical Data:

Light Source:	High Intensity LED
Wavelength:	Peak at 465nm
Gel Viewing Surface:	17 x 12cm
Filter Cover:	Amber, filters blue light
Dimensions: (W x D x H)	12.8 x 8.5 x 1.9 in. 30.5x 21.5x 5 cm
Weight:	2.6 lbs (1.2kg)
Electrical:	115V or 230V, 50Hz to 60Hz
Warranty:	2 years

### Ordering Information:

Item No.	Description:
E4000*	SmartBlue™, Blue Light Transilluminator
E5001-SD	SmartDoc™ Imaging Enclosure with orange photo filter
E4000-VG1	Orange viewing glasses for use with blue light, includes case

\*115V with US plug. For 230V (EU plug), add (-E).



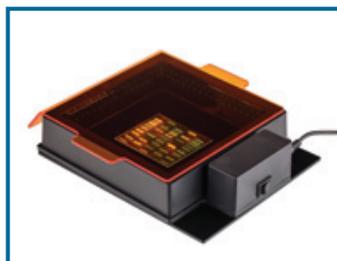
## SMARTDOC™ 2.0

Gel Visualization and Smart Phone Imaging System

- + Quality imaging with any smart phone
- + Ideal for common safe stains (SmartGlow™, SYBR® Green, Gel Green, etc.)
- + Visible blue light will not damage DNA
- + Gel access for DNA band cutting
- + Imaging enclosure available individually and can be used on existing transilluminators

### Technical Data:

Maximum gel size:	15 x 15cm
Excitation source:	High intensity blue LED
Photo filter:	Orange PMMA, 12mm aperture
Viewing cover:	Orange PMMA, 18cm x 18cm
Phone compatibility:	iPhone™, Android™, etc. (smart phones and tablets with a camera)
Dimensions (W x D x H):	9 x 7.5 x 8.6 in. / 23 x 19 x 22 cm
Weight:	2.6 lbs (1.2kg)
Electrical:	115V or 230V, 50Hz to 60Hz
Warranty:	2 years



Standalone blue light illumination base (Included with E5001-SDB)



Included orange cover can be tilted for gel access

### Ordering Information:

Item No.	Description:
E5001-SDB*	SmartDoc™ Gel Imaging System with blue light illumination and orange photo filter
E5001-SD	SmartDoc™ Gel Imaging Enclosure (use on existing transilluminator) w/orange photo filter
E5000-MAT	UV Blocking Mat
E5001-535	SmartDoc photo filter, 535nm for imaging green stains on UV
E5001-590	SmartDoc photo filter, 590nm for imaging EtBr on UV
E4000-VG1	Orange viewing glasses for use with blue light, includes case

\*Includes US plug. For EU plug, please add (-E).



E5001-SD Enclosure shown on E4000 UV Transilluminator

## SmartGlow™ Safe Nucleic Acid Stain



\*Excitation with Accuris SmartBlue™ Transilluminator. Imaged using Accuris SmartDoc™ Blue with iPhone®.

- + Replaces hazardous EtBr
- + Excitation by UV or blue light
- + Non-mutagenic, environmentally safe
- + Two types: PS (Pre-Stain) LD (loading Dye)

### Ordering Information:

Item No.	Description:
E4500-PS	SmartGlow™ PS (Pre-Stain), 1ml (40,000X)
E4500-LD	SmartGlow™ LD (Loading Dye) with stain, 1ml (6X)

## myVolt™ Mini Power Supply



### Ordering Information:

Item No.	Description:
E2100*	myVolt™ Mini Power Supply, 100V / 200V

\*Includes US plug. For EU plug, please add (-E).

- + Ideal for basic electrophoresis and compatible with standard electrophoresis gel tanks
- + Compact and simple with 100V or 200V output
- + Two pairs of output terminals

### Technical Data:

Voltage Output:	100V or 200V constant
Current Output:	Max. 200mA
Max Wattage:	40W
Output Terminals:	2 pairs (wired in parallel)
Dimensions:	6.25 x 4.5 x 2.25in. / 16 x 11.5 x 5.7 cm
Weight:	0.9lbs (0.4kg)
Electrical:	100 - 240V, 50 - 60Hz
Warranty:	2 years

## myVolt™ Touch Power Supply



Dual Orientation, Auto-Rotating Display

- + Touchscreen control
- + Dual orientation, auto-rotating display (fits anywhere in a crowded lab)
- + Intuitive programming
- + Control voltage amperage and run time

The Accuris myVolt Touch is a work horse electrophoresis power supply that includes all of the performance and specifications needed for efficient separation of nucleic acids and proteins. The perfect companion for both horizontal and vertical gel tanks, the myVolt Touch incorporates some very unique user-friendly features:

**Touch-screen Control Panel:** Setting up an electrophoresis run with the myVolt Touch couldn't be easier... adjust voltage, current and time values, then touch "Start" to begin the run. Voltage, current and run time are all displayed.

### Technical Data:

Output Settings:	Constant voltage or constant current
Voltage Output:	10 - 300V (5V increments)
Current Output:	5 - 400mA (5mA increments)
Max Wattage:	100W
Timer:	1 min. to 20 hours or continuous
Output Terminals:	4 pairs (wired in parallel)
Safety:	No load, short circuit, overload detection, over power detection
Display: (W x D x H)	2 x 2in. touchscreen LCD
Dimensions:	8.5 x 6.3 x 4.0in. / 21.5 x 15.5 x 9.75 cm
Weight:	2lbs (0.9kg)
Electrical:	115V, 60Hz or 230V, 50Hz
Warranty:	2 years

**Dual Orientation, Auto-Rotating Display:** The myVolt Touch packs plenty of power and features into a compact housing. But for those crowded lab benches, we've taken our design a step further. The myVolt can be oriented horizontally or vertically to fit the space available either on the lab bench or a shelf. When the power supply is tilted up vertically or back down horizontally, the display automatically rotates. Folding feet can be extended when the power supply is horizontal for convenient access and viewing of the touch screen. When set vertically, the touchscreen is also tilted up toward the user.

### Ordering Information:

Item No.	Description:
E2300*	myVolt™ Touch Power Supply, 1 to 300V max, 400mA, 100W

\*115V with US plug. For 230V (EU plug), please add (-E).



### Accuris™ Taq DNA Polymerase and Master Mix

- For routine PCR, genotyping, colony PCR and fast PCR
- Proprietary buffer optimized for a variety of assay conditions
- Supplied with 5x buffer or as a convenient master mix

Item No.	Description	Size
PR1000-500	Taq DNA Polymerase	500u (5u/μl)
PR1000-1000	Taq DNA Polymerase	1000u (5u/μl)
PR1000-6000	Taq DNA Polymerase	6000u (5u/μl)
PR1001-200	2x Taq Master Mix	200 x 50μl Reactions
PR1001-1000	2x Taq Master Mix	1000 x 50μl Reactions
PR1001-R-200	2x Taq Red Master Mix	200 x 50μl Reactions
PR1001-R-1000	2x Taq Red Master Mix	1000 x 50μl Reactions

Red Master Mix includes a loading dye for direct electrophoresis after PCR



### Accuris™ Hot Start Taq DNA Polymerase and Master Mix

- Exceptional sensitivity for low copy PCR
- Ideal for multiplex PCR & amplification of GC-rich DNA
- Same enhanced features as Accuris Taq Polymerase
- Optimized for fast cycling and reproducibility

Item No.	Description	Size
PR1000-HS-500	Hot Start Taq DNA Polymerase	500u (5u/μl)
PR1000-HS-1000	Hot Start Taq DNA Polymerase	1000u (5u/μl)
PR1000-HS-6000	Hot Start Taq DNA Polymerase	6000u (5u/μl)
PR1001-HS-200	Hot Start 2x Taq Master Mix	200 x 50μl Rxns
PR1001-HS-1000	Hot Start 2x Taq Master Mix	1000 x 50μl Rxns
PR1001-HSR-200	Hot Start 2x Taq Red Master Mix	200 x 50μl Rxns
PR1001-HSR-1000	Hot Start 2x Taq Red Master Mix	1000 x 50μl Rxns

Red Master Mix includes a loading dye for direct electrophoresis after PCR

### Accuris™ Taq Plus DNA Polymerase & Master Mix



- Higher fidelity for long PCR amplicons, up to 35kb
- Ideal for problematic templates and TA cloning
- Better sensitivity and higher activity for low copy and long PCR

Item No.	Description	Volume
PR1000-TP-250	Taq Plus DNA Polymerase	250u (5u/μl)
PR1000-TP-500	Taq Plus DNA Polymerase	1000u (5u/μl)
PR1001-TP-200	2x Taq Plus Master Mix	200 x 50μl Reactions
PR1001-TP-1000	2x Taq Plus Master Mix	1000 x 50μl Reactions

### Accuris™ High Fidelity DNA Polymerase



- 50X higher fidelity than Taq polymerase
- Works with crude DNA samples
- Ideal for cloning, mutagenesis & microarrays

Item No.	Description	Size
PR1000-HF-200	High Fidelity DNA Polymerase	200u (2u/μl)
PR1000-HF-1000	High Fidelity DNA Polymerase	1000u (2u/μl)



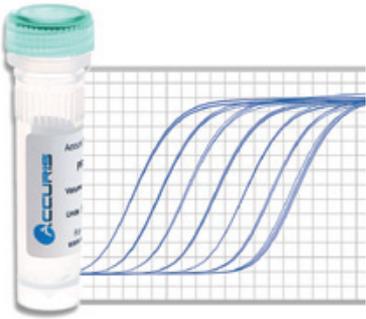
### Accuris™ 1 Hour Mammalian Genotyping Kit

- DNA extraction and amplification in one hour
- Proprietary lysis buffer optimized for ear punches, tail snips and other mammalian tissues
- Single tube process - no organic solvents or clean up procedures



Item No.	Description	Reactions
PR1300-MG-80	Accuris 1 Hour Mammalian Genotyping Kit	80
PR1300-MG-400	Accuris 1 Hour Mammalian Genotyping Kit	400

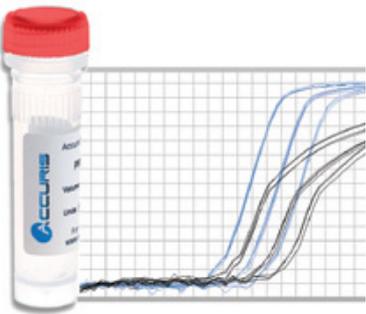
## qMAX™ Green Real Time PCR Mix



- + Superior sensitivity and fast cycling with exceptional results
- + Includes Accuris Hot Start Taq for greater specificity & accuracy
- + Early C<sub>t</sub> values and detection across a broad dynamic range
- + Ideal for low copy number templates

Item No.	Description	Reactions (20µl volume)
PR2000-L-100	qMAX Green, Low ROX qPCR Mix	100
PR2000-L-500	qMAX Green, Low ROX qPCR Mix	500
PR2000-L-1000	qMAX Green, Low ROX qPCR Mix	1000
PR2000-H-100	qMAX Green, High ROX qPCR Mix	100
PR2000-H-500	qMAX Green, High ROX qPCR Mix	500
PR2000-H-1000	qMAX Green, High ROX qPCR Mix	1000
PR2000-N-100	qMAX Green, No ROX qPCR Mix	100
PR2000-N-500	qMAX Green, No ROX qPCR Mix	500
PR2000-N-1000	qMAX Green, No ROX qPCR Mix	1000

## qMAX™ Probe Real Time PCR Mix



- + Same high efficiency for multiplex and singleplex reactions
- + Includes Accuris Hot Start Taq Polymerase for greater specificity and accuracy
- + Compatible with popular hydrolysis and beacon probes
- + Early C<sub>t</sub> values and detection across a broad dynamic range

Item No.	Description	Reactions (20µl volume)
PR2001-L-100	qMAX Probe, Low ROX qPCR Mix	100
PR2001-L-500	qMAX Probe, Low ROX qPCR Mix	500
PR2001-L-1000	qMAX Probe, Low ROX qPCR Mix	1000
PR2001-H-100	qMAX Probe, High ROX qPCR Mix	100
PR2001-H-500	qMAX Probe, High ROX qPCR Mix	500
PR2001-H-1000	qMAX Probe, High ROX qPCR Mix	1000
PR2001-N-100	qMAX Probe, No ROX qPCR Mix	100
PR2001-N-500	qMAX Probe, No ROX qPCR Mix	500
PR2001-N-1000	qMAX Probe, No ROX qPCR Mix	1000

## qMAX™ cDNA Synthesis Kit



- + Rapidly generate high quality qPCR ready cDNA
- + Thermostable qMax RT with RNase inhibitor
- + Optimized for use across a wide dynamic range
- + Two tube format for easy reaction set up
- + Blend of oligo (dT) and hexamer primers for unbiased, complete sequence representation

Item No.	Description	Reactions (20µl volume)
PR2100-C-25	qMAX cDNA Synthesis Kit	25
PR2100-C-100	qMAX cDNA Synthesis Kit	100
PR2100-C-250	qMAX cDNA Synthesis Kit	250

## qMAX™ First Strand cDNA Synthesis Flex Kit



- + Rapidly generate high quality qPCR ready cDNA
- + Thermostable qMax RT with RNase inhibitor
- + Optimized for use across a wide dynamic range
- + Separate tubes of oligo (dT) and hexamer primers for greater flexibility in assay design

Item No.	Description	Reactions (20µl volume)
PR2110-C-50	qMAX cDNA Synthesis Flex Kit	50
PR2110-C-200	qMAX cDNA Synthesis Flex Kit	200