ROWE SCIENTIFIC PTY LTD www.rowe.com.au

Discover laboratory products at Rowe Scientific Pty Ltd.

LABLIKES 13

JULY 22

A 100% Australian owned company supplying scientific laboratories throughout Australia and overseas since 1987.

Australians in Science

Ms Dorothy Hill, AC, CBE, FAA, FRS. (1907 – 1997)
An Australian geologist and palaeontologist, the first female professor at an Australian university, and the first female president of the Australian Academy of Science.
[https://www.qld.gov.au/__data/assets/pdf_file/0019/38611/dorothy-hill-biography.pdf]

MAGNETIC STIRRER

VELP MST.
Up to 1100 rpm,
5L capacity.
Rowe Code **IS0152**

List price $198,
Special $149 plus GST only while stocks last.

$149 plus GST only while stocks last.

GLR ALCOHOL WIPES

42x14cm wipes (70% ISOPROPYL ALCOHOL/30% DI WATER)

Rowe Code: **HW0028** List $10.25

Special
$8.86 ea or
$7.00 ea box 12

Plus GST, only while stock last

--- *NEWS - NEWS - NEWS - NEWS - NEWS - NEWS* ---

ROWE SCIENTIFIC APPOINTED WTW DISTRIBUTOR IN AUTRALIA.

After introducing the WTW range to Australia over 25 years ago, I am excited to again be able to service your needs. Peter Sommers, CEO.
Please contact us with your requirements.

- ✔ One stop shop
- ✔ 100% Australian
- ✔ Online ordering
- ✔ Phone ordering
- ✔ Account Managers
- ✔ Leading brands
- ✔ Chemicals
- ✔ Consumables
- ✔ Equipment

Discover leading brands at Rowe Scientific Pty Ltd.

Ajax Finechem · Bel-Art Products · BRAND · CHARM Sciences Inc · chem-supply · Cowie · Gilian · Haier · Kartell LABWARE · MN · Miele · Merck · Mettler Toledo · OHAUS · TPS · SIMAX · SIGMA-ALDRICH · Tarsons · Techno Plas · VELP Scientifica · witeg

www.rowe.com.au

VISCOMETERS PAGE 6-7

INTELLIGENT FLOW PERISTALTIC PUMPS PAGE 2-5

INTELLIGENT FLOW PERISTALTIC

LEAD FLUID

IP0620 BT101F Intelligent Dispensing Peristaltic Pump

This intelligent dispensing peristaltic pump provides a flow range from 0.006 to 570 mL/min. It's easy to operate with an intuitive clear interface together with a colour LCD touch screen. There are four operating modes available: Volume Dispense Mode, Time Dispense Mode, Copy Dispense Mode and Flow Mode. The system minimises working noise due to intelligent cooling fan control. With RS485 MODBUS communication interface, the pump is easy to connect to an external device, such as PC, HMI or PLC.

BT101F KEY FEATURES:

- Bright and clear colour LCD display, touch screen and keypad for ease of operation.

- Reversible direction, start/stop control and adjustable speed.

- Precise motor control technology improves dispense accuracy compared to the traditional time dispense mode.

- Anti-drip function ensures dispense accuracy.

- Three dispense modes available. **Time Dispense Mode**: automatically dispense by setting the duration for each dose, lag time between doses and number of cycles. **Volume Dispense Mode:** automatically dispense by setting the volume for each dose, lag time between doses and number of cycles. **Copy Dispense Mode:** automatically dispense by setting the total volume to dispense, lag time between doses and number of cycles.

- Store five groups of working parameters for each dispense mode (power-off memory).

- Flow rate display and control; cumulative dispense volume display.

- Flow rate calibration.

- 0.2% accuracy, high precision rotating speed control with 0.1 rpm speed resolution. Operating system incorporates an intuitive setup wizard to configure the system.

- Logic level signal can control start/stop, direction and dispense modes; external analog signals can also adjust pump rotating speed. Signals are optically isolated for safety.

- With RS485 MODBUS interface it is easy to communicate with external device.

- Internals are electrically double isolated in construction. The main circuit board is conformal coated which makes it dust-proof and moisture-proof.

- Incorporates Anti-electromagnetic interference features, together with a wide input voltage range for complex power environment.

- ABS plastic housing with a streamlined design.

- Drive multi-channels and various types of pump heads at once.

- Optional foot switch and infrared remote control.

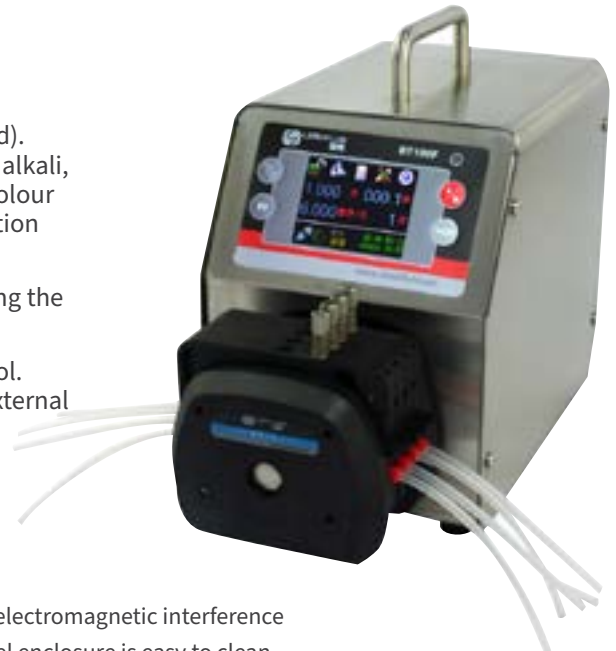| KEY FEATURES	
Flow Range:	0.006-570 mL/min
Speed range:	0.1-150 rpm
Speed resolution / accuracy:	0.1 rpm / 0.2%
Control:	Touchscreen display
Consumption:	< 30W
Working environment:	Environment 0~ 40ºC humidity <80%
Dimension size:	(L x W x H): 257 x 182 x 1987mm
Drive weight:	4.5 kg

PUMPS

QUALITY PERISTALTIC PUMPS, HEADS AND TUBING FOR YOUR LIQUID DISPENSING NEEDS

IP0665 BT100F Intelligent Peristaltic Pump

This unit provides a flow range from 0.0002 to 82mL/min (with DT10-48 head). Stainless steel enclosure is easy to clean, resistant to the corrosion of acids, alkali, sodium and organic solvents. It offers an intuitive and clear interface with colour LCD touch screen, coupled with advanced features such as flow rate calibration and an anti-drip function for accurate flow transfer.

Easy Dispense Mode is available to dispense the recorded volume by pressing the DISPENSE key or using an optional foot switch.

The system minimises working noise due to the intelligent fan cooled control. With RS485 MODBUS interface, the pump is easy to communicate with an external device, such as PC, HMI or PLC.

BT100F KEY FEATURES:

- Bright and clear colour LCD display, touch screen and keypad for ease of operation.
- Reversible direction, start/stop control and adjustable speed.
- Flow rate calibration.
- Flow rate display and control; Cumulative dispense volume display for quick reference.
- Anti-drip function ensures dispense accuracy.
- 0.2% accuracy, high precision rotating speed control with 0.1 rpm speed resolution.
- Precise motor control technology improves dispense accuracy
- Easily configurable via an intuitive setup wizard.
- Intelligent temperature control to minimise noise.
- Logic level signal can control start/stop, direction and dispense modes; external analog signals can also adjust pump rotating speed. Signals are optically isolated for safety.
- The RS485 MODBUS interface, allows easy communication with an external device.
- Internals are electrically double isolated in construction. The main circuit board is conformal coated which makes it dust-proof and moisture-proof.

- Resistant to electromagnetic interference
- Stainless steel enclosure is easy to clean, resistant to the corrosion of acid, alkali, sodium and organic solvents.
- Drive multi-channels and various types of pump heads.
- Optional foot switch and infrared remote control.

	DESCRIPTION
Flow Range	0.0002-82mL/min
Speed range:	0.1-150 rpm
Speed resolution:	0.1 rpm
Speed accuracy:	0.2%
IP grade:	IP31
Communication interface:	RS485 MODBUS
External logic level control signal:	5V, 12V (standard), 24V (optional). External analog control signal: 0-5V (standard); 0-10V, 4-20mA (optional)
Power/ Consumption	AC 240, 60Hz/<40watts
Dimension:	(L x W x H):226 x 150 x 238mm

Offer pricing expires 30 SEPTEMBER 2022 or until stocks last and is subject to GST.

3

BASIC VARIABLE SPEED PERISTALTIC

IP0467 BQ80S Microflow
Variable-Speed Peristaltic Pump

BQ80S KEY FEATURES:

- Simple to operate, small portable size and easy to install. Suitable for equipment which requires an ancillary device and for laboratory use.
- Provides a flow range from 0.004 to 77 mL/min
- 0.5% accuracy, high precision rotating speed control with 0.1 rpm speed resolution. Speed range 0.1-80 rpm.
- Membrane keypad interface with a clear four-digit LED display to indicate speed and working mode.
- Reversible direction, start/stop and adjustable speed to fine tune operation.
- Connection via RS485 MODBUS interface to communicate with an external device.
- The circuit board with conformal coating makes it dust-proof and moisture-proof.
- Logic level signal can control start/stop, direction and dispense modes; external analog signals can also adjust pump rotating speed. Signals are optically isolated for safety.
- Optional foot switch and infrared remote control.

KEY FEATURES	
Flow Range	0.004-77 mL/min
Speed range:	0.1-80 rpm
Speed resolution:	0.1 rpm
Speed accuracy:	0.5%
IP grade:	IP31
Communication interface:	RS485 MODBUS
External logic level control signal:	5V, 12V (standard), 24V (optional). External analog control signal: 0-5V (standard); 0-10V, 4-20mA (optional)
Power/ Consumption	AC 240, 50Hz/10watts
Dimension:	(L x W x H): 135mm x 96mm x 96mm

IP0891 BT102S Microflow
Variable-Speed Peristaltic Pump

BT102S KEY FEATURES:

- Small and portable with a stainless steel enclosure which is easy to clean, resistant to corrosion of acid, alkali, sodium and organic solvents.
- Provides a flow range from 0.0001 to 480 mL/min with a choice of pump heads and tubing.
- 0.5% accuracy, high precision rotating speed control with 0.1 rpm speed resolution. Speed range 0.1-100 rpm.
- Reversible direction, start/stop control and adjustable speed with easy Dispense Mode.
- Membrane keypad interface with a clear four-digit LED display to indicate speed and working mode.
- External logic level signal can control start/stop, direction and dispense function; external analog signal can adjust the rotating speed. Signal is optically isolated.
- With RS485 MODBUS interface, its easy to communicate with an external device.
- Internals are electrically double isolated in construction. The main circuit board is conformal coated which makes it dust-proof and moisture-proof.

KEY FEATURES	
Flow Range	0.0001-480 mL/min
Speed range:	0.1-100 rpm
Speed resolution:	0.1 rpm
Speed accuracy:	0.5%
IP grade:	IP31
Communication interface:	RS485 MODBUS
External logic level control signal:	5V, 12V (standard), 24V (optional). External analog control signal: 0-5V (standard); 0-10V, 4-20mA (optional)
Power/ Consumption	AC 240, 50Hz/30watts
Dimension:	(L x W x H): 224 x 127 x 128 mm

PUMPS

TUBES AND PUMP HEADS

LEAD FLUID

PERISTALTIC PUMP HEADS

ROWE CODE	DESCRIPTION
IL0092	LEADFLUID PART, PUMP HEAD YT15 WITH 4 ROLLERS, PPS SUITABLE FOR TUBE SIZES 13# 14# 19# 25# 17# 18# (YT15)
IL0136	LEADFLUID PART, PUMP HEAD DG 1 CHANNEL WITH 6 ROLLERS, SUITABLE FOR TUBE WITH Wall: 0.8-1, ID: <=3.17 (DG6-1)

L0092 LEADFLUID PART, PUMP HEAD YT15 WITH 4 ROLLERS

IL0136 LEADFLUID PART, PUMP HEAD DG 1 CHANNEL WITH 6 ROLLERS

Rowe Scientific has a comprehensive range of gear pumps, peristaltic pumps, syringe pumps, tubing and accessories for your liquid dispensing requirements.

Contact us today for more information on your specific needs.

Not sure?
Ask us for help.
There are a wide variety of pump drive and pump head combinations available to solve your laboratory liquid dispensing needs.

PERISTALTIC PUMP TUBING

ROWE CODE	DESCRIPTION
PT0368	TUBING 13#, 0.8mm I.D., 4.0mm O.D., 1.6mm WALL, SILICONE
PT0369	TUBING 14#, 1.6mm I.D., 4.8mm O.D., 1.6mm WALL, SILICONE
PT0373	TUBING 15#, 4.8mm I.D., 9.8mm O.D., 2.5mm WALL, SILICONE
PT0309	TUBING 16#, 3.1mm I.D., 6.3mm O.D., 1.6mm WALL, SILICONE
PT0371	TUBING 17#, 6.4mm I.D., 9.6mm O.D., 1.6mm WALL, SILICONE
PT0372	TUBING 18#, 7.9mm I.D., 11.1mm O.D., 1.6mm WALL, SILICONE
PT0374	TUBING 24#, 6.4mm I.D., 11.4mm O.D., 2.5mm WALL, SILICONE
PT0342	TUBING 25#, 4.8mm I.D., 8.0mm O.D., 1.6mm WALL, SILICONE

Speak to a Rowe Scientific consultant for more information and pricing.

Offer pricing expires 30 SEPTEMBER 2022 or until stocks last and is subject to GST.

5

ViscoQC 100/300 VISCOMETERS

Anton Paar

- Budget friendly rotational viscometers for QC (laboratory & process)
- Dynamic viscosity of liquids: from juice to gel
    - ViscoQC 100: Single point, non-storage, no date/time/user
    - ViscoQC 300: Multi point, data memory, date/time, user (groups), upgradable software packages
       (V-Curve, V-Comply)
- Ready to use out-of-box: already assembled when delivered
- Built-in digital leveling for proper alignment and reproducible results
- Magnetic coupling for one-hand removal/attachment of spindle
- Automatically detects spindles and guards
- TruMode™ when spindle/speed combination is unknown
- Air-cooled Peltier temperature device with T-Ready™ starts measurement when sample has reached set temperature
- Motorized Heli-Plus for convenient operation with optional T-bar spindles
- 3 years of warranty and optional on-site service

ViscoQC 100 (Single Point)

Stand-alone with 3.5" display
Single point rotational viscometer
Relative spindles (L/RH, Vanes), DIN systems (CC, DG), SSA
systems (SC4), …
Toolmaster™
TruMode™
Magnetic coupling
Multi language (10 installed)
Optional Peltier temperature control and sensing
Main Purpose: QC

ViscoQC 300 (Multi point)

Stand-alone with 7" touch display
Single and multi point rotational viscometer
Relative spindles (L/RH, Vanes), DIN systems (CC, DG), SSA
systems (SC4), …
Toolmaster™
TruMode™
Magnetic coupling
Multi language (13 installed)
Optional Peltier temperature control and sensing
Main Purpose: QC

Solution Storage Bottles

BIOFIL® ② STERILE R

FEATURES
- Temperature range: -20°C to +50°C
- Available in 5 different volumes of 150, 250, 500, 1000mL and 2000mL. Light weight and heavy wall construction
- Large knurls on the cap for easy screw connection
- Designed wide and easy access mouth for efficiently and stable pour out. Engraved graduation
- Special concave design for easy handling
- DNase/RNase-free and Non-pyrogenic
- Sterilized by gamma irradiation SAL10-6 (ISO11137)
- Shelf life: 3 years after month of production
- Manufactured in a Class 100,000 cleanroom environment Manufactured under ISO13485 and ISO9001 quality management system
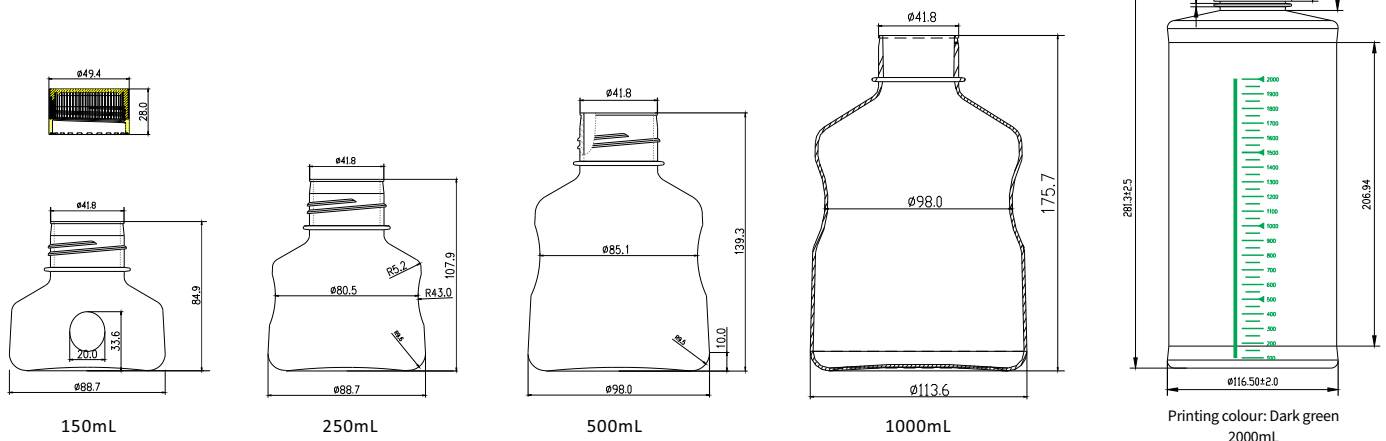
MATERIALS
- Bottle: GPPS (General Polystyrene)   Color: Clear   Cap: HDPE (High-density Polyethylene)   Colour: Light green

DESCRIPTION	mL	PACK SIZE	ROWE CODE
Solution Storage Bottles, clear round with concave design for easy handling, GL45, DNase/RNase-free and non-pyrogenic, sterile (SAL10-6), Polystyrene.	150	24	PB0578
	250	24	PB0559
	500	24	PB0560
	1000	24	PB0561
	2000	12	PB0579

AVAILABLE FOR DELIVERY

Dimensions (Unit: mm)

150mL   250mL   500mL   1000mL

Printing colour: Dark green
2000mL

JET products are manufactured in accordance with ISO 13485: 2016 & ISO 9001: 2015 quality management systems in a class 100,000 clean room.

Products labeled as sterile are irradiated to ISO11137 recommended practices. JET BIOFIL products labeled sterile meet a minimum requirement of 10-6 SAL (Sterility Assurance Level).

Products labeled non-pyrogenic have been validated per FDA guidelines on LAL (Limulus Amebocyte Lysate) testing for medical devices and company guidelines. The acceptance level for product is less than 0.5 EU/mL.

DNase & RNase Free products are free of any detectable DNase / RNase contamination. Testing is conducted to qualify all material resins using USP and ISO 10993 standards for cytotoxicity and have been shown to be non-toxic.

Quality Control Testing - Products are inspected and controlled through whole production processing in accordance with current applicable product specifications and QC SOP. Inspection records are reviewed and signed off by qualified personnel for product release.

Now available from stock for immediate delivery
BRAND® HandyStep® range of electronic pipettors.

Handystep Touch S

$2,275 (Rowe Code: DH0031)

Charging stand

$680 (Rowe Code: DC0046)

HandyStep® touch S with all of the features of the HandyStep® touch and the additional functions of Sequential Dispensing, Multi-Aspiration and Titration

Handystep touch, including universal AC adaptor and sample pack of PD-Tips 0.5, 1.25, 5 and 12.5mL, includes lithium battery.

(Rowe Code: DH0002)

DH0002
PACKAGE OFFER

FIRST 6 ORDERS RECEIVED TAKE $400 OFF THE PRICE.

PAY ONLY $1412 PER UNIT

Versatile
HandyStep® touch with the standard modes Multi-Dispensing, Auto-Dispensing, Pipetting and Favorites;

Long-lasting
Many hours of continuous operation with a single battery charge

Robust
High-quality materials provide long service life, and smooth surfaces make cleaning / disinfection easy

Efficient
In addition to BRAND PD-Tips, compatible third party tips can also be used

Easy
Automatic size detection of BRAND PD-Tips II

Simple
Automatic tip ejection by the press of a button prevents contamination

USB-C connection
For quick charging by cable

STEP button
Ergonomically arranged STEP button for effortless volume filling and delivery

BRAND

BRAND

"A Grade" volumetric glassware clearance sale
Up to 35% off RRP

100mL capacity, Supplied complete with a batch certificate pack of 2
Rowe Code: CB1776 **$27.65** normally $42.58 per **PACK OF 2**

250mL capacity, Supplied complete with a batch certificate pack of 2
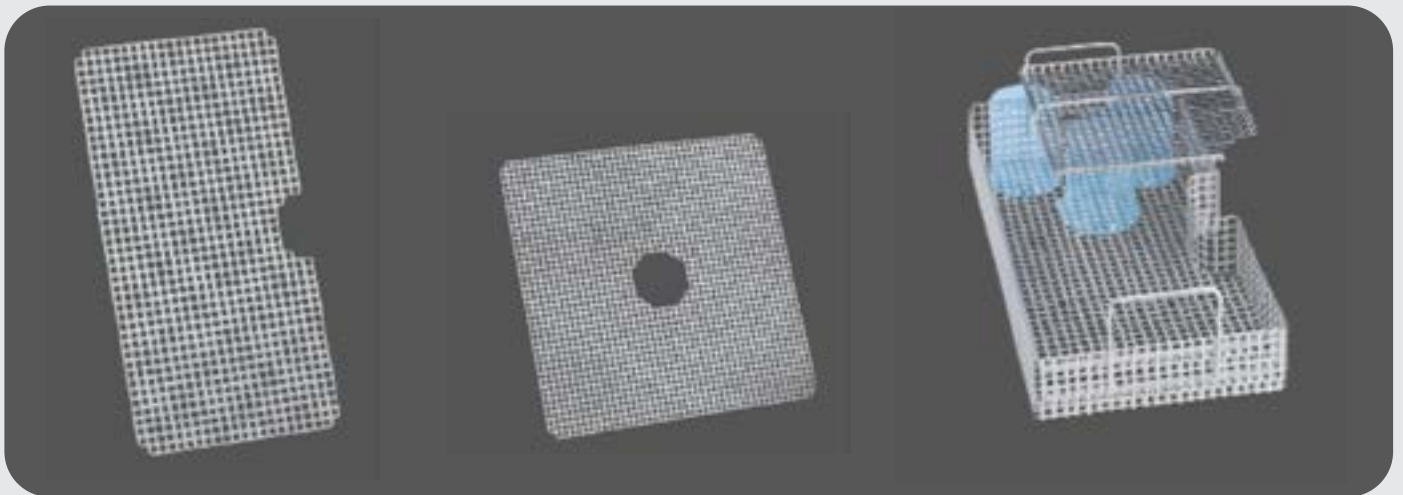Rowe Code: CB1778 **$37.75** normally $58.09 per **PACK OF 2**

500mL capacity, Supplied complete with a batch certificate pack of 2
Rowe Code: GF4125 **$46.96** normally $72.26 per **PACK OF 2**

Miele # Professional glassware washers

Need additional accessories for your MIELE Professional glassware washers? Save 25% on the below items, only while stocks last.

PART No. **A12/1**	PART No. **A11/1**	PART No. A14
ROWE CODE **IG0051**	ROWE CODE **IG0050**	ROWE CODE **IG0053**
save 25% **$89.25**	save 25% **$104.25**	save 25% **$74.25**
11 only remaining	4 only remaining	3 only remaining
Compatible with	Compatible with	Compatible with
PG 8535	PG 8535	PG 8535
PG 8536	PG 8536	PG 8536
PG 8583	PG 8583	PG 8583
PG 8583 CD	PG 8583 CD	PG 8583 CD
PG 8593	PG 8593	PG 8593
Mat for more gentle washing	Mat for more gentle washing	1/4 lid for AK12 basket

Offer pricing expires 30 SEPTEMBER 2022 or until stocks last and is subject to GST.

9

PPE - to keep you safe in the work place.

NITRILE BLUE	ROWE CODE	SIZE	EA
GLOVE DISPOSABLE EXAMINATION POWDER FREE PFNB	HG0446	XS	100
	HG0447	S	100
	HG0448	M	100
	HG0449	L	100
	HG0450	XL	100
	HG0451	XXL	100

NITRILE BLUE LONG CUFF	ROWE CODE	SIZE	EA
GLOVE EXAMINATION LONG CUFF 300mm NISENSE300 NITRILE BLUE	HG0478	S	10x100
	HG0479	M	10x100
	HG0480	L	10x100
	HG0481	XL	10x100

LATEX	ROWE CODE	SIZE	EA
GLOVE DISPOSABLE EXAMINATION FLEXI PF LATEX POWDER FREE TEXTURED	HG0464	XS	100
	HG0465	S	100
	HG0466	M	100
	HG0467	L	100
	HG0468	XL	100

BLACK NITRILE	ROWE CODE	SIZE	EA
GLOVE DISPOSABLE NITRILE BLACK POWDER FREE BLACK STORM	HG0420	S	10x100
	HG0421	M	10x100
	HG0422	L	10x100
	HG0423	XL	10x100
	HG0424	XXL	10x100
GLOVE DISPOSABLE EXAMINATION BLACK WOLF NITRILE POWDER FREE	HG0454	S	100
	HG0455	M	100
	HG0456	L	100
	HG0457	XL	100

HAND SANITISER

500mL **HH0030** List $12.00 **Special $5.50 per 500mL**

250mL **CH2261** List $75.04 **Special $42.00 per 16 x 250mL**

Rowe Scientific, Australian made hand sanitiser manufactured to WHO recommended hand rub formulation
OFFER STRICTLY LIMITED WHILE STOCKS LAST

MASKS in stock and available for delivery.

Face mask 3 ply with ear loops
HM0166 50 per pack

3 layer construction, disposable with integrated ear loops, finished in the classical medical blue colour.

**CEO SPECIAL
$22
PER PACK**
(While Stocks Last)

Face shields

Bollé clear over-glasses anti-fog face shields

HF0118
This Bollé face shield protects against splashes and droplets. Designed to fit the first responders' needs, it is simple to use, economical, protective, and can be worn over glasses.

• Anti-fog coating on both sides
• Adapted for use with prescription glasses
• Protection against splashes & fluids
• Elastic headband (one size fits all)
• XL size visor: 22 x 33cm
• Anti-splash tested to AS/NZS 1337.1

Why not order online at your convenience 24/7 through the Rowe Scientific Web Store with its easy to use features?

Rowe Scientific Pty Ltd are a 100% Australian owned company which have been supplying laboratories across Australia since 1987 with scientific equipment, consumables and chemicals. You have the option of online ordering at your convenience of 24 /7 through a secure login account we create for you.

Once you have a Rowe Scientific Pty Ltd login account, simply go to www.rowe.com.au log-in and then you can:

- Order online with your secure login account.
- See special pricing and availability.
- Order when it's convenient for you 24 /7
- See your online order history and back orders.
- Shop from over 117,000 product lines and leading brands

To obtain a Rowe Scientific login, go to www.rowe.com.au and click the register tab then follow the prompts.

To view our webstore as a guest go to **www.rowe.com.au** and explore the products tab.

To save on our current special offers on our webstore go to www.rowe.com.au and explore the specials tab.

Or to find out more about us including scholarship and news events, go to www.rowe.com.au and explore the news tab.

Offer pricing expires 30 SEPTEMBER 2022 or until stocks last and is subject to GST.

11