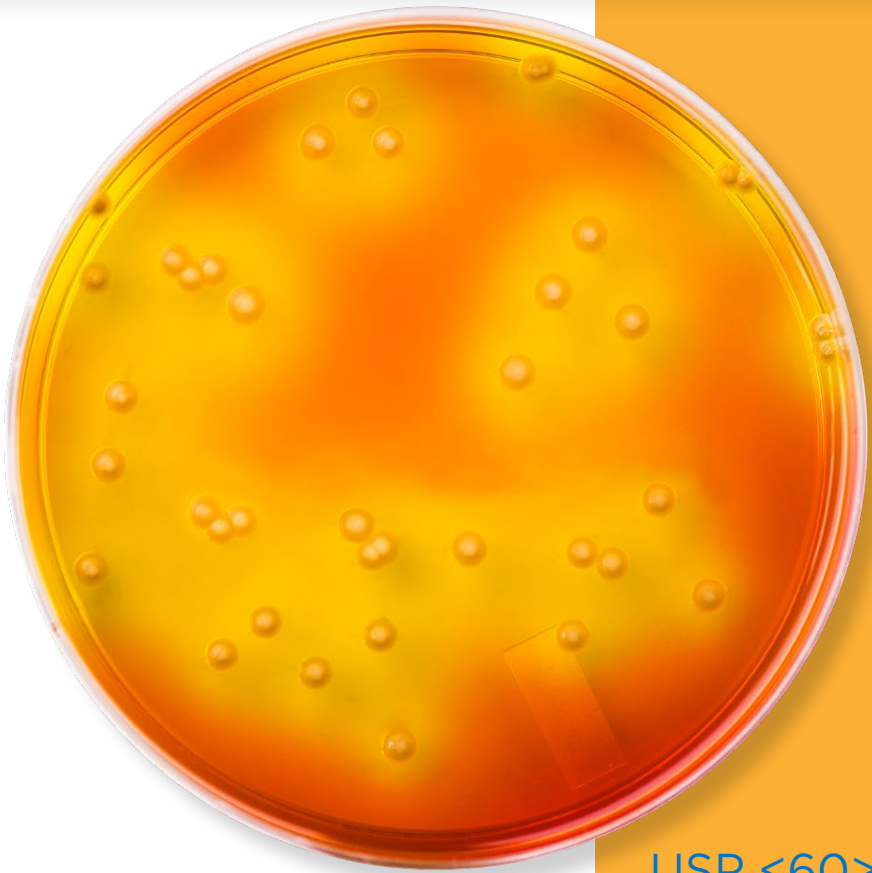


# Microbial Examination of Non-sterile Products



USP <60>

USP <61>

USP <62>

USP <1115>

# HARDY DIAGNOSTICS MEDIA FORMULATIONS

## USP/EP/JP Compliance

Hardy Diagnostics products meet or exceed all USP harmonized specifications.

## Quality Assurance

Hardy Diagnostics is a premier supplier of sterility testing, microbial limits testing, and environmental monitoring products. Our rigorous quality control program and ISO 13485 certified facility ensure all Hardy Diagnostics products provide the highest quality and performance characteristics.

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# USP <60> Tests for *Burkholderia cepacia* complex

For the selective isolation and differentiation of *Burkholderia cepacia*.

## Burkholderia cepacia Selective Agar (BCSA)

Cat. no.	Container	Fill	Packaging
G09	Plate, 15x100mm	18mL	10/pk

## HardyCHROM™ Burkholderia cepacia complex

G335	Plate, 15x100mm	18mL	10/pk
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# USP <60> <61> Microbial Enumeration Tests

## Tryptic Soy Broth (TSB)

Cat. no.	Container	Fill	Packaging
U44	Bottle, 2 oz, Glass	50mL	24/bx
U62	Bottle, Glass	500mL	Each
U421	Bottle, Needle-Port Septum	300mL	10/bx
U274	Bottle, Needle-Port Septum	500mL	12/bx
U46	Bottle, Needle-Port Septum	100mL	20/bx
U425	Bottle, Needle-Port Septum	300mL	10/bx
U42	Bottle, Screw Cap	100mL	20/bx
U261	8 oz Wide Mouth Jar	100mL	12/bx
U241	8 oz Wide Mouth Jar	90mL	12/bx
U133	8 oz Wide Mouth Jar	90mL	12/bx
U71	8 oz Wide Mouth Jar	100mL	12/bx
C7141	Dehydrated	500gm	Each

## Tryptic Soy Agar (TSA)

G60	Plate, 15x100mm	18mL	10/pk
U260	Bottle, Glass	200mL	12/bx
U360	Bottle, Glass	400mL	12/bx
U361	Bottle, Polycarbonate	500mL	10/pk
C7121	Dehydrated	500gm	Each

## SabDex Agar

Cat. no.	Container	Fill	Packaging
W70	Plate, 15x100mm	26mL	10/pk
U353	Bottle, Polycarbonate	500mL	10/bx
U175	Bottle, Polycarbonate	500mL	10/bx
U73	Bottle, Needle-Port Septum	100mL	16/bx
U352	Bottle, Glass	400mL	12/bx
U431	Bottle, Glass	400mL	12/bx

## SabDex Broth

U73	125mL polycarbonate bottle	100mL	16/pk
C7563	Dehydrated	10kg	Each

Additional sizes/formats available on our website.

# USP <61> <62>

## Recommended Buffer Solutions

Cat. no.	Description	Container	Fill	Packaging
U301	Buffered Sodium Chloride-Peptone	Bottle, Polycarbonate	500mL	10/pk
U255	Buffered Sodium Chloride-Peptone	Bottle, Polycarbonate	90mL	12/bx
U438	Phosphate Buffer	Bottle, Polycarbonate	500mL	10/bx
U235	Phosphate Buffered Saline	Bottle, Polypropylene	100mL	12/bx

# USP <62>

## Tests for Specified Organisms

### Test for Bile-Tolerant Gram Negative Bacteria

Test/Medium	Property	Test Strains*	Cat. no.	Container	Fill	Packaging
EE Broth Mossel	Growth promoting	<i>Escherichia coli</i> <i>Pseudomonas aeruginosa</i>	U291	8 oz Wide Mouth Jar	90mL	12/bx
			C8711	Dehydrated	500gm	Each
	Inhibitory	<i>Staphylococcus aureus</i>	C8712	Dehydrated	2kg	Each
			C8713	Dehydrated	10kg	Each
Violet Red Bile Glucose (VRBG) Agar	Growth promoting + Indicative	<i>Escherichia coli</i> <i>Pseudomonas aeruginosa</i>	G178	Plate, 15x100mm	18mL	10/pk
			C7271	Dehydrated	500gm	Each
	Inhibitory	<i>Staphylococcus aureus</i>	C7272	Dehydrated	2kg	Each
			C7273	Dehydrated	10kg	Each

### Test for *Staphylococcus aureus*

Test/Medium	Property	Test Strains*	Cat. no.	Container	Fill	Packaging
Mannitol Salt Agar (MSA)	Growth promoting + Indicative	<i>Staphylococcus aureus</i>	G40	Plate, 15x100mm	18mL	10/pk
			C6231	Dehydrated	500gm	Each
	Inhibitory	<i>Escherichia coli</i>	C6232	Dehydrated	2kg	Each
			C6233	Dehydrated	10kg	Each

### Test for *Escherichia coli*

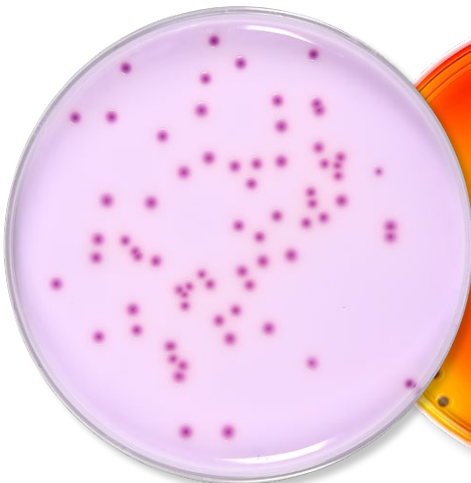
Test/Medium	Property	Test Strains*	Cat. no.	Container	Fill	Packaging
MacConkey Broth	Growth promoting	<i>Escherichia coli</i>	U125	8 oz Wide Mouth Jar	100mL	12/bx
			C6141	Dehydrated	500gm	Each
MacConkey Agar	Growth promoting + Indicative	<i>Escherichia coli</i>	G35	Plate, 15x100mm	18mL	10/pk
			G35BX	Plate, 15x100mm	18mL	100/bx
	Inhibitory	<i>Staphylococcus aureus</i>	C6131	Dehydrated	500gm	Each
			C6132	Dehydrated	2kg	Each
			C6133	Dehydrated	10kg	Each

## Test for *Salmonella*

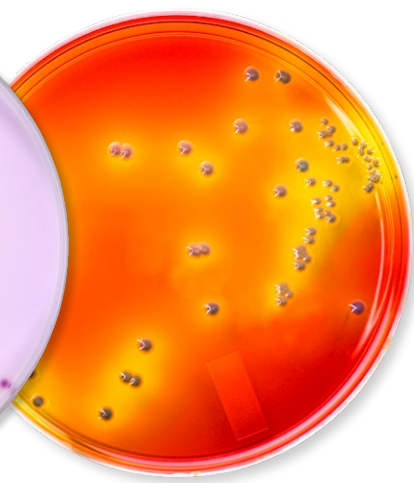
Test/Medium	Property	Test Strains*	Cat. no.	Container	Fill	Packaging
Rappaport Vassiliadis Salmonella Enrichment Broth	Growth promoting	<i>Salmonella enterica</i> serotype Typhimurium	K246	Tube	10mL	20/bx
	Inhibitory	<i>Staphylococcus aureus</i>	C6741	Dehydrated	500gm	Each
			C6742	Dehydrated	2kg	Each
			C6743	Dehydrated	10kg	Each
Xylose-Lysine-Deoxycholate (XLD) Agar	Growth promoting + Indicative	<i>Salmonella enterica</i> serotype Typhimurium	665	Plate, 15x100mm	18mL	10/pk
	Indicative	<i>Escherichia coli</i>	C7321	Dehydrated	500gm	Each
			C7322	Dehydrated	2kg	Each
			C7323	Dehydrated	10kg	Each

## Test for *Clostridia*

Test/Medium	Property	Test Strains*	Cat. no.	Container	Fill	Packaging
Reinforced Medium for Clostridia	Growth promoting	<i>Clostridium sporogenes</i>	U172	Polycarbonate Bottle, Needle-Port Septum	100mL	16/bx
	Inhibitory	<i>Clostridium sporogenes</i>	C8721	Dehydrated	500gm	Each
			C8722	Dehydrated	2kg	Each
			C8733	Dehydrated	10kg	Each
Columbia Agar	Growth promoting	<i>Clostridium sporogenes</i>	G250	Plate, 15x100mm	18mL	10/pk
	Inhibitory	<i>Clostridium sporogenes</i>	C5451	Dehydrated	500gm	Each
			C5452	Dehydrated	2kg	Each
			C5453	Dehydrated	10kg	Each



Cat. no. G335  
HardyCHROM™ *B.cepacia* for  
USP <60> Compliance  
(pg. 1)



Cat. no. G09  
Burkholderia cepacia Selective Agar  
for USP <60> Compliance  
(pg. 1)

## Test for *Candida albicans*

Test/Medium	Property	Test Strains*	Cat. no.	Container	Fill	Packaging
Sabouraud Dextrose (SabDex) Broth	Growth promoting	<i>Candida albicans</i> <i>Aspergillus brasiliensis</i>	U73	Polycarbonate Bottle, Needle-Port Septum	100mL	16/bx
			C7561	Dehydrated	500gm	Each
	Inhibitory	<i>Candida albicans</i> <i>Aspergillus brasiliensis</i>	C7562	Dehydrated	2kg	Each
			C7563	Dehydrated	10kg	Each
Sabouraud Dextrose (SabDex) Agar	Growth promoting + Indicative	<i>Candida albicans</i>	W70	Plate, 15x100mm	26mL	10/pk
			<i>Aspergillus brasiliensis</i>	U270	Polypropylene Bottle	200mL
		U227		16 oz Boston Round	200mL	12/bx
		U352		Polypropylene Bottle	400mL	12/bx
	Inhibitory	<i>Candida albicans</i> <i>Aspergillus brasiliensis</i>	C6811	Dehydrated	500gm	Each
			C6812	Dehydrated	2kg	Each
			C6813	Dehydrated	10kg	Each
Potato Dextrose	Growth promoting	<i>Candida albicans</i> <i>Aspergillus brasiliensis</i>	W60	Plate, 15x100mm	26mL	10/pk
			U294	Bottle, Glass	200mL	12/bx
			U394	Bottle, Glass	400mL	12/bx
	Inhibitory	<i>Candida albicans</i> <i>Aspergillus brasiliensis</i>	C6621	Dehydrated	500gm	Each
			C6622	Dehydrated	2kg	Each
			C6623	Dehydrated	10kg	Each

## Test for *Pseudomonas aeruginosa*

Test/Medium	Property	Test Strains*	Cat. no.	Container	Fill	Packaging
Cetrimide Select Agar	Growth promoting	<i>Pseudomonas aeruginosa</i>	G18	Plate, 15x100mm	26mL	10/pk
			Inhibitory	<i>Escherichia coli</i>	C5371	Dehydrated
	C5372	Dehydrated			2kg	Each
	C5373	Dehydrated			10kg	Each



## USP <60>

Cat. no.	Description	Packaging or Container	ATCC®
0488A	<i>Burkholderia cepacia</i>	EZ-Accu Shot™	25416™
0488Z	<i>Burkholderia cepacia</i>	EZ-CFU One Step	25416™
0488E7	<i>Burkholderia cepacia</i>	Epowers	25416™
0488P	<i>Burkholderia cepacia</i>	KWIK-STIK™ 2 Pack	25416™
0488X	<i>Burkholderia cepacia</i>	KwikStik Plus	25416™

Cat. no.	Description	Packaging or Container	ATCC®
01269A	<i>Burkholderia cenocepacia</i>	EZ-Accu Shot™	BAA-245™
01269P	<i>Burkholderia cenocepacia</i>	KWIK-STIK™ 2 Pack	BAA-245™
01269K	<i>Burkholderia cenocepacia</i>	KWIK-STIK™ 6 Pack	BAA-245™
01269L	<i>Burkholderia cenocepacia</i>	Lyfo Disk <sup>1</sup>	BAA-245™

Cat. no.	Description	Packaging or Container	ATCC®
01270P	<i>Burkholderia multivorans</i>	KWIK-STIK™ 2 Pack	BAA-247™
01270E7	<i>Burkholderia multivorans</i>	Epowers	BAA-247™
01270K	<i>Burkholderia multivorans</i>	KWIK-STIK™ 6 Pack	BAA-247™
01270L	<i>Burkholderia multivorans</i>	Lyfo Disk <sup>1</sup>	BAA-247™



## USP <61>

Cat. no.	Description	Packaging or Container	ATCC®
0392A	<i>Aspergillus brasiliensis</i>	EZ-Accu Shot™	16404™
0392Z	<i>Aspergillus brasiliensis</i>	EZ-CFU™ One Step	16404™
0392P	<i>Aspergillus brasiliensis</i>	KWIK-STIK™ 2 Pack	16404™
0392E6	<i>Aspergillus brasiliensis</i>	E6powers™	16404™
0392PEC	<i>Aspergillus brasiliensis</i>	EZ-PEC	16404™
0392X	<i>Aspergillus brasiliensis</i>	KwikStik Plus™	16404™

Cat. no.	Description	Packaging or Container	ATCC®
0486A	<i>Bacillus spizizenii</i>	EZ-Accu Shot™	6633™
0486Z	<i>Bacillus subtilis subsp. spizizenii</i>	EZ-CFU One Step	6633™
0486P	<i>Bacillus subtilis subsp. spizizenii</i>	KWIK-STIK™ 2 Pack	6633™
0486X	<i>Bacillus subtilis subsp. spizizenii</i>	KwikStik Plus™	6633™
0486PEC	<i>Bacillus subtilis subsp. spizizenii</i>	EZ-PEC	6633™

## USP <61> <62>

Cat. no.	Description	Packaging or Container	ATCC®
0443A	<i>Candida albicans</i>	EZ-Accu Shot™	10231™
0443Z	<i>Candida albicans</i>	EZ-CFU™ One Step	10231™
0443E7	<i>Candida albicans</i>	E7power™	10231™
0443P	<i>Candida albicans</i>	KWIK-STIK™ 2 Pack	10231™
0443X	<i>Candida albicans</i>	KwikStik Plus™	10231™
0443PEC	<i>Candida albicans</i>	EZ-PEC	10231™

## USP <62>

Cat. no.	Description	Packaging or Container	ATCC®
0487A	<i>Clostridium sporogenes</i>	EZ-Accu Shot™	11437™
0487E3	<i>Clostridium sporogenes</i>	E3power™	11437™
0487P	<i>Clostridium sporogenes</i>	KWIK-STIK™ 2 Pack	11437™
0487X	<i>Clostridium sporogenes</i>	KwikStik Plus™	11437™
0487Z	<i>Clostridium sporogenes</i>	EZ-CFU One Step™	11437™

Cat. no.	Description	Packaging or Container	ATCC®
0317A	<i>Clostridium sporogenes</i>	EZ-Accu Shot™	19404™
0317E3	<i>Clostridium sporogenes</i>	E3power™	19404™
0317P	<i>Clostridium sporogenes</i>	KWIK-STIK™ 2 Pack	19404™
0317X	<i>Clostridium sporogenes</i>	KwikStik Plus™	19404™
0317Z	<i>Clostridium sporogenes</i>	EZ-CFU One Step™	19404™

Cat. no.	Description	Packaging or Container	ATCC®
0483A	<i>Escherichia coli</i>	EZ-Accu Shot™	8739™
0483Z	<i>Escherichia coli</i>	EZ-CFU One Step	8739™
0483E7	<i>Escherichia coli</i>	E7power™	8739™
0483P	<i>Escherichia coli</i>	KWIK-STIK™ 2 Pack	8739™
0483X	<i>Escherichia coli</i>	KwikStik Plus	8739™
0483PEC	<i>Escherichia coli</i>	EZ-PEC	8739™





Cat. no.	Description	Packaging or Container	ATCC®
0443A	<i>Salmonella enterica</i>	EZ-Accu Shot™	10231™
0443Z	<i>Salmonella enterica</i>	EZ-CFU One Step	10231™
0443E7	<i>Salmonella enterica</i>	Epower™	10231™
0443P	<i>Salmonella enterica</i>	KWIK-STIK™ 2 Pack	10231™
0443X	<i>Salmonella enterica</i>	KwikStik Plus	10231™
0443PEC	<i>Salmonella enterica</i>	EZ-PEC™	10231™



Cat. no.	Description	Packaging or Container	ATCC®
0363A	<i>Salmonella enterica</i>	EZ-Accu Shot™	14028™
0363Z	<i>Salmonella enterica</i>	EZ-CFU One Step	14028™
0363P	<i>Salmonella enterica</i>	KWIK-STIK™ 2 Pack	14028™
0363X	<i>Salmonella enterica</i>	KwikStik Plus	14028™

Cat. no.	Description	Packaging or Container	ATCC®
0485A	<i>Staphylococcus aureus</i>	EZ-Accu Shot™	6538™
0485E7	<i>Staphylococcus aureus</i>	Epower™	6538™
0485P	<i>Staphylococcus aureus</i>	KWIK-STIK™ 2 Pack	6538™
0485PEC	<i>Staphylococcus aureus</i>	EZ-PEC™	6538™
0485X	<i>Staphylococcus aureus</i>	KwikStik Plus	6538™
0485Z	<i>Staphylococcus aureus</i>	EZ-CFU One Step™	6538™



Cat. no.	Description	Packaging or Container	ATCC®
0827C	<i>Staphylococcus aureus</i>	EZ-CFU™	6538P™
0827CRM	<i>Staphylococcus aureus</i>	Lab-Elite™	6538P™
0827E3	<i>Staphylococcus aureus</i>	E3power™	6538P™
0827K	<i>Staphylococcus aureus</i>	KWIK-STIK™ 6 Pack	6538P™
0827L	<i>Staphylococcus aureus</i>	Lyfo Disk	6538P™
0827P	<i>Staphylococcus aureus</i>	KWIK-STIK™ 2 Pack	6538P™
0827X	<i>Staphylococcus aureus</i>	KwikStik Plus™	6538P™
0827Z	<i>Staphylococcus aureus</i>	EZ-CFU One Step™	6538P™

## USP <60><61> <62>

Cat. no.	Description	Packaging or Container	ATCC®
0484A	<i>Pseudomonas aeruginosa</i>	EZ-Accu Shot™	9027™
0484Z	<i>Pseudomonas aeruginosa</i>	EZ-CFU One Step	9027™
0484E7	<i>Pseudomonas aeruginosa</i>	Epower™	9027™
0484P	<i>Pseudomonas aeruginosa</i>	KWIK-STIK™ 2 Pack	9027™
0484X	<i>Pseudomonas aeruginosa</i>	KwikStik Plus	9027™

# Membrane Filtration <61>

## Microsart® Filtering Station Manifolds

by Sartorius



Membrane Filtration is the established method of choice for liquid testing as it provides reliable and reproducible results. Microsart Manifolds adapt to your individual microbiological testing procedures. Choose the manifold size, from single branch to multi-branch.

- 100% stainless steel
- Autoclavable with no disassembly required
- Sterile venting in critical applications reduced risk of secondary contamination
- Stable ergonomic design

Manifold Description	Funnel Capacity	Cat. no.
1-Branch	1 x 100ml	168M1MS
2-Branch	2 x 100ml	168M2MS
3-Branch	3 x 100ml	168M3MS
6-Branch	6 x 100ml	168M6MS



## Microsart® Manifold Accessories

### Filter Adapter

For connecting Polycarbonate Filter holder 16511 with the Microsart® Manifold.

Each ..... **168ZAD0001**

### Minisart™ SRP Syringe Filters

Ready-to-use units for simple, rapid and reliable ultracleaning of small volume samples for the HPLC or GC analysis.

50/pk..... **5757FX05K**

### Stainless Steel Blind Coupling

For 1, 3 and 6 place Microsart® Manifold.

Each ..... **168SPA0001**

### Stainless Steel Base Support for Microsart® Manifold

For use of 47 mm Filter with Microsart® Funnels.

Each ..... **168ZAA0001**

### Stainless Steel Base Support for Microsart® Manifold

For use with 47 or 50mm Biosart® 250 Funnels or 100ml/500ml Stainless Steel Funnels.

Each ..... **168ZAB0001**

### Stainless Steel Double Coupling

For connecting two manifolds.

Each ..... **168ZAC0001**

# Vacuum Pumps

for Microsart® Filtering Station Manifolds

## Microsart® e.jet Pump

Laboratory vacuum pump capable of simultaneously creating a vacuum and transferring filtered liquids to waste. Ideal for sample preparation in microbiological analysis. Constant flow rates, and a defined maximum vacuum, guarantee smooth and reliable filtration.



For use with 1,2 and 3 branch manifolds only

### Microsart® e.jet Vacuum Pump

Each ..... 166MP4

### Foot Switch for e.jet Pump 166MP-4

Each ..... 1ZE0053

### 1 Meter Silicone Vacuum Hose with Quick Connection

Each ..... 1ZAS0016

### 2 Meter Silicone Pressure-sided Tubing

Each ..... 1ZAS0019

### 10m Silicone Pressure-sided Tubing

Each ..... 1ZAS0020

### Quick Connect Silicone Tubing

for connecting manifold with e.jet pump ..... 1ZA0006

### Quick Connect Silicone Tubing

for connecting e.jet pump with receptacle flask ..... 1ZAS0007

### Quick Connection Coupling

For Silicon Tubing, PSU. 2/pk. .... 168SPB0001

## Microsart® maxi.vac Pump

Microsart maxi.vac pumps provide up-to-date technology for daily use in the microbiology laboratory environment.

- Neoprene membrane pumps
- Low noise level
- Oil-and maintenance-free
- Controlled and easily adjustable vacuum
- Effective vacuum for 3 and 6 place manifolds
- 115 V, 60 Hz

Each ..... 1669416022



# Funnel

for Microsart® Filtering Station Manifolds



6981002



6981065



16A0710N



16A0725N

**100ml Stainless Steel Funnel with Closure Clamp**

Each ..... 6981065

**500ml Stainless Steel Funnel with Closure Clamp**

Each ..... 6981002

**Stainless Steel Lid for 100ml Funnel**

Each ..... 6981063

**Stainless Steel Lid for 500ml Funnel**

Each ..... 6981001

**Lid Seal for 100ml Stainless Steel Funnel**

Each ..... 6981064

**Lid Seal for 500ml Stainless Steel Funnel**

Each ..... 6981003

**Sterile Disposable Funnel with Click-fit Closure**

100ml volume, 100/pk ..... 16A0710N

250ml volume, 96/pk ..... 16A0725N

**Funnel Dispenser**

Each ..... 16A08

# Gridded Membrane Filters

**Cellulose Nitrate (CN) Membrane Filter**

Individually wrapped on single sheet, sterile packed, 47mm

Filter Color / Grid	Pore Size	Pack Size	Cat. no.
White/black	0.45µm	100	1140647ACN
White/black	0.45µm High-Flow	100	114H647ACN
White/black	0.45µm	100	1300647ACN

\*Individually wrapped on pleated rolls, sterile packed, 47mm

White/black	0.45µm	300	11406Z47SCM
White/black	0.45µm High-Flow	300	114H6Z47SCM
White/black	0.45µm High-Flow	450	114H6Z47SFM

\*For use with Microsart e.motion Filter Dispenser, Cat. no. 16713BO



Membrane filters for colony counting, particle testing and microscopy.

# Microsart @filter Units

Sterile, Disposable

## 100ml Volume

Pore Size	Pack Type	Pk Sz	Cat. no.
0.2	Tray	60	16D011007BL
0.45µm High-Flow	Tray	60	16D0110H6BL
0.2	Stacked in bag	24	16D011007TG
0.45µm High-Flow	Stacked in bag	24	16D0110H6TG
0.2	Individually Packed	27	16D011007ACG
0.45µm High-Flow	Individually Packed	27	16D0110H6ACG

## 250ml Volume

Pore Size	Pack Type	Pk Sz	Cat. no.
0.2	Tray	16	16D012507TF
0.45µm High-Flow	Tray	16	16D0125H6TF
0.2	Stacked in bag	48	16D012507BK
0.45µm High-Flow	Stacked in bag	48	16D0125H6BK
0.2	Individually Packed	18	16D012507ACF
0.45µm High-Flow	Individually Packed	18	16D0125H6ACF



# Prepared Culture Media for Membrane Filtration

## Tryptic Soy Agar

For the cultivation and enumeration of microorganisms.

15x60mm

10/pk.....G151

## Sabdex Agar with Gentamicin and Chloramphenicol

For the cultivation of fungi.

15x60mm

10/pk.....G159

## Potato Dextrose Agar with TA (Tartaric Acid)

For the microbial enumeration of yeasts and molds.

15x60mm

10/pk.....G94





### Contact Plates for Surface Sampling

Improved design with friction-fit lid and locking mechanism



1. Remove lid from plate.



2. Gently press plate to surface without twisting or sliding.



3. Twist clockwise until frosted bands line up and lid locks into place. Incubate at 30 °C - 35 °C. After 48 - 72 hours, count the number of colonies. Record your results.



4. Friction Lid design keeps lid in place. Locking feature assures lids stay secured.

### Non-Irradiated Contact Plates

#### Tryptic Soy Agar with Lecithin and Tween® 80

For the cultivation and enumeration of microorganisms.

10/pk..... P34

#### Sabouraud Dextrose Agar

For the cultivation of fungi.

10/pk..... P36

#### Malt Extract Agar with Lecithin and Tween®

For the cultivation of fungi.

10/pk..... P93

### Irradiated Contact Plates

#### Tryptic Soy Agar with Lecithin and Tween® 80, USP

For the cultivation and enumeration of microorganisms.

Irradiated, triple bagged, 10/pk..... P520

Red tinted plate, triple bagged, 10/pk..... P520R

#### Sabouraud Dextrose Agar with Lecithin and Tween® 80, USP

For the cultivation of fungi.

Irradiated, triple bagged, 10/pk..... P595



#### PRE-MOISTENED, READY-TO-USE

Ready to use swab and tube pre-filled with 5mls of transport broth. Simply remove the cap, which is attached to the Dacron® swab. Collect your sample by swabbing the surface, recap, and send to the lab. This kit is excellent for collection and enumeration of microorganisms from environmental surfaces and hard to reach areas.

Neutralizing Buffer 5ml, 20/box **SRK15**

D/E Neutralizing Broth 5ml, 20/box **SRK45**





Maintaining cleanliness of the production environment is critical to enabling long shelf life and sterility of manufactured products. Hygiena makes environmental hygiene monitoring easy! With test devices for surfaces or liquid samples, Hygiena has many solutions to fit the unique needs of your facility. Same-day micro tests facilitate 8-hour feedback on microbial levels in your facility, helping to troubleshoot sanitation issues and ensure an optimally clean environment for your high-quality products.

## Innovation at Your Fingertips

EnSURE™ Touch is an advanced ATP monitoring system that collects, analyzes and reports data from a variety of long-trusted quality tests, providing rapid and accurate sanitation verification data.

### EnSURE Touch features:

- Results in 10 seconds
- Test and compare the effectiveness of sanitation products and procedures
- Run multiple tests on one system in just a few taps
- Minimal size, maximum durability
- Cloud Connected & Wireless Enabled

Each \_\_\_\_\_ ETOUCH



## Run multiple tests on one system in just a few touches.

Product	Specifications	Cat. no.
UltraSnap™	ATP surface test, 100/bx	US2020
AquaSnap™ Total	ATP water test, 100/bx	AQ100X
SuperSnap™	High-Sensitivity ATP test, 100/bx	SUS3000



**Per USP <1115>:** “...During nonsterile product manufacturing, the air sampling methods used for environmental monitoring are active or passive...monitoring programs should be risk based, and the frequency and number of sampling sites should reflect the risk level.”

## Active Microbial Air Sampling with TRIO.BAS

- Instruments hold standard culture media (*see page 21*)
- Ergonomic and simple to use
- Delayed interval sampling
- Sample up to 100,000 liters of air on a full battery charge
- IP65 rated protection from dust and water.



\*AIRBIO DUO Shown  
with Daily Shift Heads  
(pg.19)



# MINI induction



***Ideal for use in less critical environments***



## Each kit includes:

- TRIO.BAS MINI Bluetooth air sampler
- Battery charger and cable
- Aspirating head
- Cover head
- LIGHT carrying case
- Calibration certificate

## Features:

- Aspirating head with quick bayonet closure system for easy manipulation
- Light weight: Significantly lighter than industry counterparts
- Rechargeable via external port using standard wall charger
- Note: Sampling data must be manually recorded with the MINI



Cat. no.

MINI Kit, 100 liters/min., contact plate

BAS152K

MINI Kit, 100 liters/min., Petri plate

BAS153K

MINI Kit, 200 liters/min., contact plate

BAS162K

MINI Kit, 200 liters/min., Petri plate

BAS163K

# MONO induction



## Each kit includes:

- TRIO.BAS MONO air sampler
- Induction battery charger and cable
- Aspirating head
- Cover head
- ROBUSTUS carrying case
- Calibration certificate
- IQ, OQ, PQ fillable document

## Features:

- Delayed, interval sampling and remote start capabilities
- Bluetooth data transfer capability (requires an additional purchase, see page 20.)
- Programmable place and personnel ID options
- No plugs or external connections

Cat. no.

MONO Kit, 100 liters/min., contact plate

BAS200K

MONO Kit, 100 liters/min., Petri plate

BAS201K

MONO Kit, 200 liters/min., contact plate

BAS205K

MONO Kit, 200 liters/min., Petri plate

BAS206K



# DUO induction

***Achieve faster sampling times and better statistical results with the DUO!***



## **Each kit includes:**

- TRIO.BAS DUO air sampler
- Induction battery charger and cable
- Aspirating heads
- Cover heads
- ROBUSTUS carrying case
- Calibration certificate
- IQ, OQ, PQ fillable document

## **Features:**

- Two aspirating heads for sampling on separate plates to determine bacterial and yeast/mold counts
- Programmable for simultaneous or interval aspirating times
- Delayed, interval sampling and remote start capabilities
- Bluetooth data transfer capability (requires an additional purchase, see page 20.)
- Programmable place and personnel ID options
- No plugs or external connections

Cat. no.

DUO Kit, 100 liters/min., contact plate

BAS220K

DUO Kit, 100 liters/min., Petri plate

BAS221K

DUO Kit, 200 liters/min., contact plate

BAS225K

DUO Kit, 200 liters/min., Petri plate

BAS226K

# AIRBIO DUO cable



**Work surface stability  
with two aspirating heads.  
Save sampling time by  
doubling the aspirated  
volume of air!**



Picture shows the instrument with optional Daily Shift Heads in use.

## Each kit includes:

- Instrument
- Two stainless steel aspirating heads
- Two stainless steel head covers
- Charging and Data transfer cables
- Robustus carrying case
- Calibration certificate
- IQ OQ PQ fillable documents

## Features:

- Use separate culture media at the same time to determine bacterial and fungal counts
- Programmable place and personnel ID options
- Bluetooth data transfer capability (requires an additional purchase, see page 20.)
- Charges via cable: Sample up to 70,000 liters on a single battery charge

Cat. no.

AIRBIO DUO cable, 100 liters/min., contact plate

BAS479K

AIRBIO DUO cable, 100 liters/min., Petri plate

BAS480K

AIRBIO DUO cable, 200 liters/min., contact plate

BAS481K

AIRBIO DUO cable, 200 liters/min., Petri plate

BAS482K



# DAILY SHIFT HEADS

**Individually packaged, sterile by irradiation, and includes a certificate of sterility assurance.**

For use in place of stainless steel Aspirating Heads:  
Technopolymer aspirating heads ready for immediate use.



## Benefits of Daily Shift Heads:

- DAILY SHIFT heads offer convenience and time savings during periods of unusually heavy workloads
- DAILY SHIFT heads offer peace of mind in case of autoclave breakage or unavailability
- DAILY SHIFT heads can be used on the same day, on the same shift, inside the same cleanroom
- Semi-transparent to confirm agar plate has been properly inserted
- Six year shelf life from date of sterilization

Cat. no.

DAILY SHIFT HEAD, contact plate, 27/bx

BAS340

DAILY SHIFT HEAD, Petri plate, 27/bx

BAS341

# DATA TRANSFER

## DATA INTEGRITY VERIFIED

For TRIO.BAS instruments with Bluetooth or cable Data Transfer Capability, choose the preferred data download method. A separate purchase is required.

### Tablet Device\*

(for data transfer)  
Portable tablet for remote control of instrument(s), data download storage and transfer capabilities.

*\*Requires CD software BAS296*

Each .....BAS301



### CD Software\*

Enables data transfer capability from instrument or smart phone/tablet to PC by Bluetooth.

*\*For Bluetooth capable Windows systems*

Each .....BAS296



### Bluetooth Printer

Small footprint. Pair with instrument for immediate printout of sampling data, or choose to store data and print out sampling history at a later date.

Bluetooth printer, 11 x 8 x 5 .....BAS520

Paper rolls (57mm, 10/bx) .....BAS421



### Bluetooth Key\*

For transferring sampling data to a PC that does not include built-in Bluetooth feature.

*\*Requires CD software BAS296*

Each .....BAS420



# Prepared Culture Media for passive and active air monitoring

Use as settling plates or with TRIO.BAS™ instruments

## Petri Plates

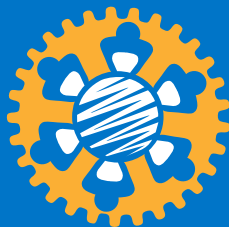
Product	Specifications	Cat. no.
Malt Extract Agar	15x100mm plate, 10/pk	W28
TSA (Tryptic Soy Agar), SterEM™, USP	Irradiated, 15x100mm plate, triple bagged, 10/pk	W540
TSA (Tryptic Soy Agar), USP	15x100mm plate, 26ml fill, 10/pk	W64
SabDex (Sabouraud Dextrose) Agar, SterEM™, USP	Irradiated, 15x100mm plate, triple bagged, 10/pk	W565
SabDex (Sabouraud Dextrose) Agar	15x100mm plate, 10/pk	W70

## Contact Plates

Product	Specifications	Cat. no.
TSA (Tryptic Soy Agar)	15x65mm contact plate Lok-Tight™ friction lid, 10/pk	P34
SabDex (Sabouraud Dextrose) Agar	15x65mm contact plate Lok-Tight™ friction lid, 10/pk	P36
Malt Extract Agar	15x65mm contact plate Lok-Tight™ friction lid, 10/pk	P93
TSA with Lecithin and Tween® 80, USP	Irradiated, 15x65mm contact plate Lok-Tight™ friction lid, 10/pk	P520
SabDex Agar with Lecithin & Tween® 80, US	Irradiated, 15x65mm contact plate Lok-Tight™ friction lid, 10/pk	P595







# 100%

Employee Owned



 **HARDY  
DIAGNOSTICS**  
A Culture of Service™

ESTABLISHED  
**1980**

MADE IN **USA**

Hardy Diagnostics adheres to cGMP, is licensed by the FDA as a medical device manufacturer, and its quality management system is ISO 13485 certified.

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