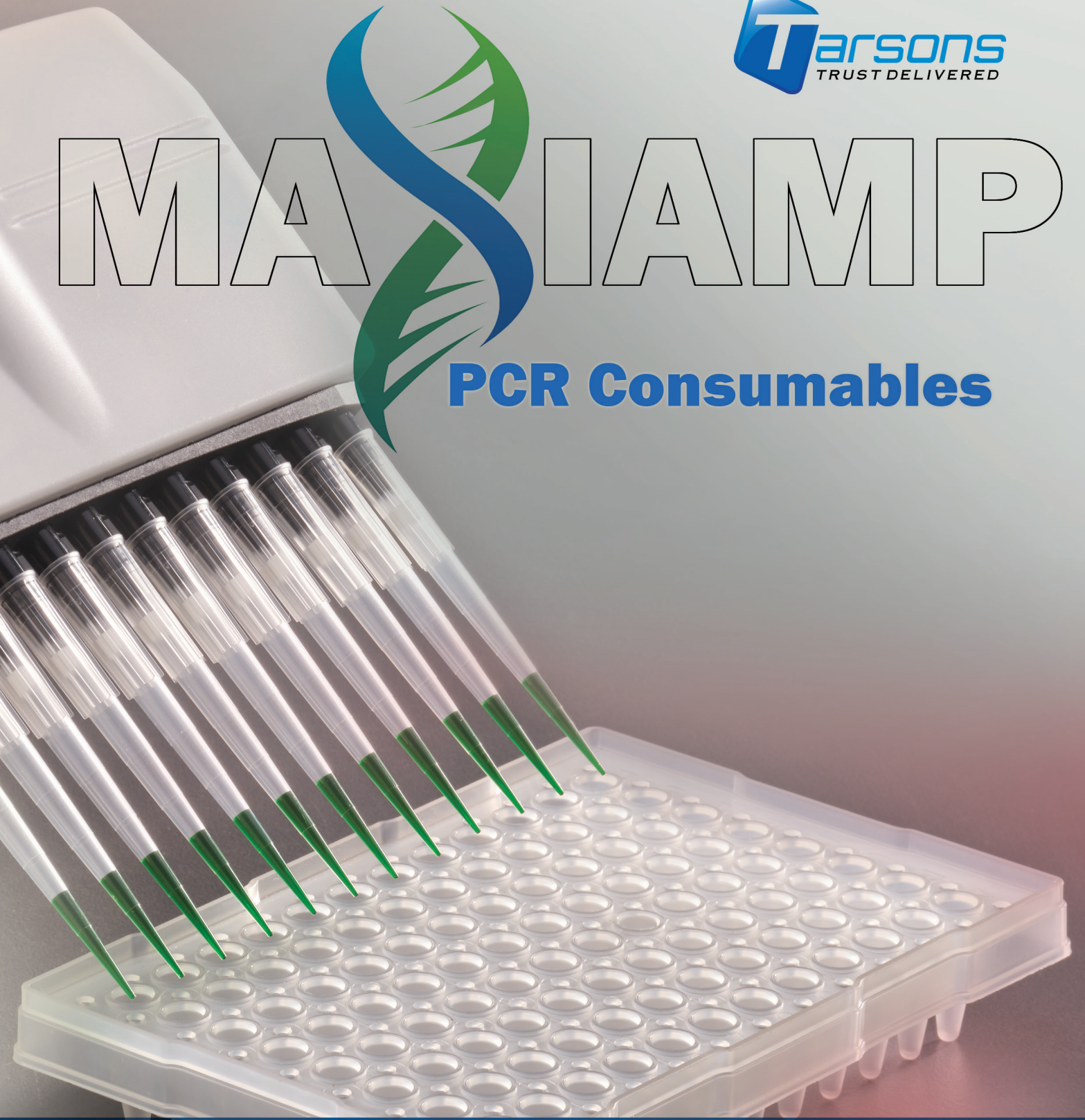




# MAXIAMP

**PCR Consumables**



~ for high-performance amplification

*Tarsons PCR consumables portfolio comprises of a comprehensive range of trusted, state-of-the-art, high-performance amplification tubes, plates and other accessories.*

- ⌘ Designed, manufactured and tested to offer high-performance PCR and qPCR amplifications.
- ⌘ **RealAmp™** White wells for Real-Time PCR /qPCR
- ⌘ Wide range of sealing options
- ⌘ Standard and customized plate barcoding.

#### *How TRUST is delivered?*

- ⌘ Class 1,00,000 Cleanroom manufacturing under ISO 9001 and ISO 13485 guidelines, to avoid contamination. Medical-grade virgin polypropylene is chosen for its exceptional biocompatibility.
- ⌘ Purest grade is used which do not interfere with or absorb reaction mix.
- ⌘ Our molds are designed and maintained to ensure chemical-free products with ultra-smooth surface to prevent PCR inhibition.
- ⌘ Every well of every plate is tested using an electrostatic pinhole detection method.
- ⌘ Samples from each lot are tested for evaporation loss before release.
- ⌘ All PCR consumables are certified free from RNase, DNase and Pyrogen.



## Maxiamp™ Individual Tubes

- ⌘ Compatible with standard 0.2 ml or 0.5 ml PCR thermal blocks.
- ⌘ Caps form a secure seal, yet are easy to open and close.

### 0.2 ml individual Tubes

Cat #	Type	Vol	Color	Pcs. per bag	Packaging
510051	with Flat Cap	0.2 ml	Clear	1000	1000
510053	with Domed Cap	0.2 ml	Clear	1000	1000

### 0.5 ml individual tubes

Cat #	Type	Vol	Color	Pcs. per bag	Packaging
510052	with Flat Cap	0.5 ml	Clear	1000	1000

## Maxiamp™ Strip Tubes

### 0.2 ml Maxiamp™ Strip tubes with individually attached caps

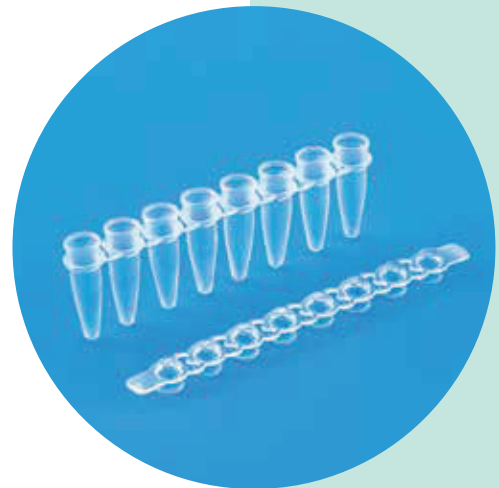
- ⌘ Individually attached caps prevent cross contamination.
- ⌘ End tabs help to label each strip.

Cat #	Type	Color	Pcs. per bag	Packaging
610080	with attached Flat Cap	Clear(tube) ultra-clear(cap)	120	1200
610090	with attached Flat Cap	White(tube) ultra-clear(cap)	120	1200

## 0.2 ml Maxiamp™ strip

- ✘ 8 tubes per strip and 8 caps per strip.
- ✘ Compatible with standard 0.2 ml. PCR thermal blocks.
- ✘ Ultra-Clear Cap options ideal for use in qPCR assays.
- ✘ Caps form a secure seal, yet are easy to open and close.

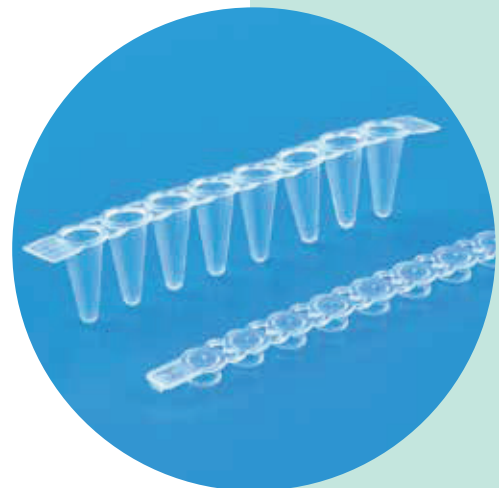
Cat #	Type	Color	Pcs. per bag	Packaging
610040	with Flat Cap	Clear	125	1250
610050	with Domed Cap	Clear	125	1250
610060	with Flat Cap	Clear(tube) Ultra clear (Cap)	125	1250
610070	with Flat Cap	White (tube) Ultra clear (Cap)	125	1250



## Low-profile 0.1 ml Maxiamp™ strip

- ✘ 8 tubes per strip and 8 Caps per strip.
- ✘ Ideal for reaction volumes below 20µl.
- ✘ Compatible with standard and FAST thermal blocks.
- ✘ Low profile reduce dead space and increase PCR efficiency.
- ✘ Available with ultra-clear cap options ideal for use in qPCR assays.
- ✘ Caps form a secure seal, yet are easy to open and close.

Cat #	Type	Color	Pcs. per bag	Packaging
611010	with Flat Cap	Clear(tube & cap)	125	1250
611020	with Domed Cap	Clear(tube & cap)	125	1250
611030	with Flat Cap	Clear(tube) ultra-clear(cap)	125	1250
611040	with Flat Cap	white(tube) ultra-clear(cap)	125	1250



## Cap Strips

Cat #	Type	Pcs. per bag	Packaging
510073	Ultra-Clear Flat Cap for Strip/Plates 0.1/0.2 ml	125	1250
510091	Flat cap for PCR Tube Strip/Plates 0.1/0.2 ml	125	1250
510092	Dome Cap for PCR Tube Strips/Plates 0.1/0.2 ml	125	1250

## Corbett® - Type 0.1 ml strip tubes and Caps

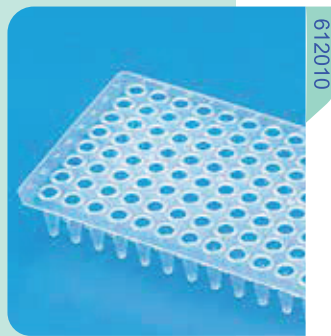
- ✘ 4 tubes per strip and 4 Caps per strip.
- ✘ Ideal for reaction volumes below 20ul.
- ✘ Compatible with Qiagen® / Corbett Rotor-Gene® PCR Instruments.
- ✘ Optically clear tubes ideally suited for qPCR assays.
- ✘ Frosted cap extensions allow for easy handling and labelling.

Cat #	Type	Vol	Color	Pcs. per bag	Packaging
510059	with Cap	0.1 ml	Clear(tube & cap)	250	1000

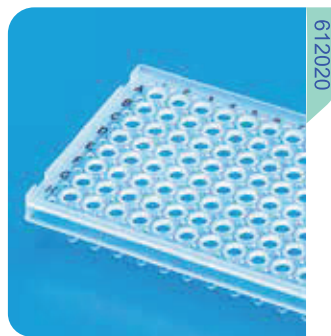


## 96 Well Maxiamp™ PCR Plates

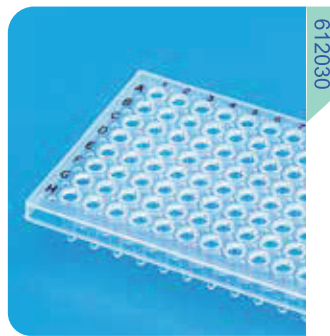
- ✦ Comprehensive thermal cycler compatibility.
- ✦ Suitable for 8 cap strips, adhesive sealers and heat-sealing.
- ✦ Secure sealing ensures very low evaporation during amplification.
- ✦ High-visibility alphanumeric printing for rapid sample identification.
- ✦ Low profile design minimizes dead volume and cycle time.
- ✦ White plastics optimized for qPCR.
- ✦ Standard and customized plate barcoding.



612010



612020



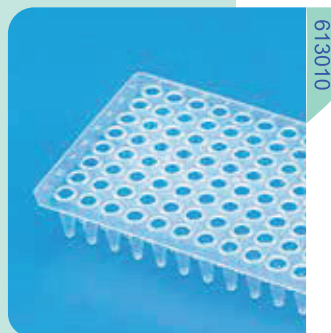
612030



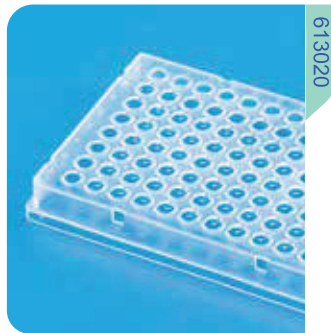
612040

### 96 Well Standard Profile 0.2 ml Maxiamp™ PCR Plates

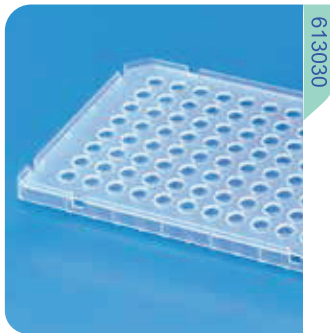
Cat #	Color	Skirt	Deck	Cut corner	Profile	Well	Max Vol.	Packaging
612010	Clear	Without Skirt	Flat	H1	Standard	96	240µl	50 Pcs
612020	Clear	Semi Skirt	Raised sides	A12	Standard	96	240µl	50 Pcs
612030	Clear	Semi Skirt	Flat	A12	Standard	96	240µl	50 Pcs
612040	Clear	Semi Skirt with contoured side	Raised sides	A12	Standard	96	240µl	50 Pcs



613010



613020



613030







613040



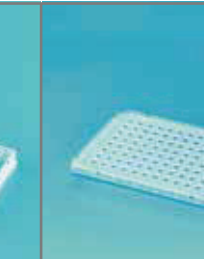
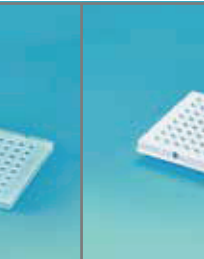
### 96 Well Low Profile 0.1 ml Maxiamp™ PCR Plates

Cat #	Color	Skirt	Deck	Cut corner	Profile	Well	Max Vol.	Packaging
613010	Clear	Without Skirt	Flat	H12	Low	96	140µl	50 Pcs
613020	Clear	Full Skirt	Flat	H1	Low	96	140µl	50 Pcs
613030	Clear	Semi Skirt	Raised sides	A1	Low	96	140µl	50 Pcs
613040	White	Semi Skirt	Flat	H12	Low	96	140µl	50 Pcs

## Standard Profile Plates - 96 well

Standard Profile Depth				
Skirt	Non-skirted	Semi	Semi	Semi
Additional Features	Rimmed wells	Raised sides Rimmed Wells	Raised Sides Rimmed Wells	Raised contoured Sides Rimmed Wells
Cut Corner	H1	A12	A12	A12
Working Volume (per well)	1 - 240µl	1 - 240µl	1 - 240µl	1 - 240µl
Color Options	Clear / White	Clear / White	Clear / White	Clear / White
High Contrast Alphanumerics	Yes	Yes	Yes	Yes
Natural Plate #	612010	612020	612030	612040
White Plate #	612010-W	612020-W	612030-W	612040-W
Barcoded Plate #	x	612020-BC	612030-BC	612040-BC

## Low Profile Plates - 96 well

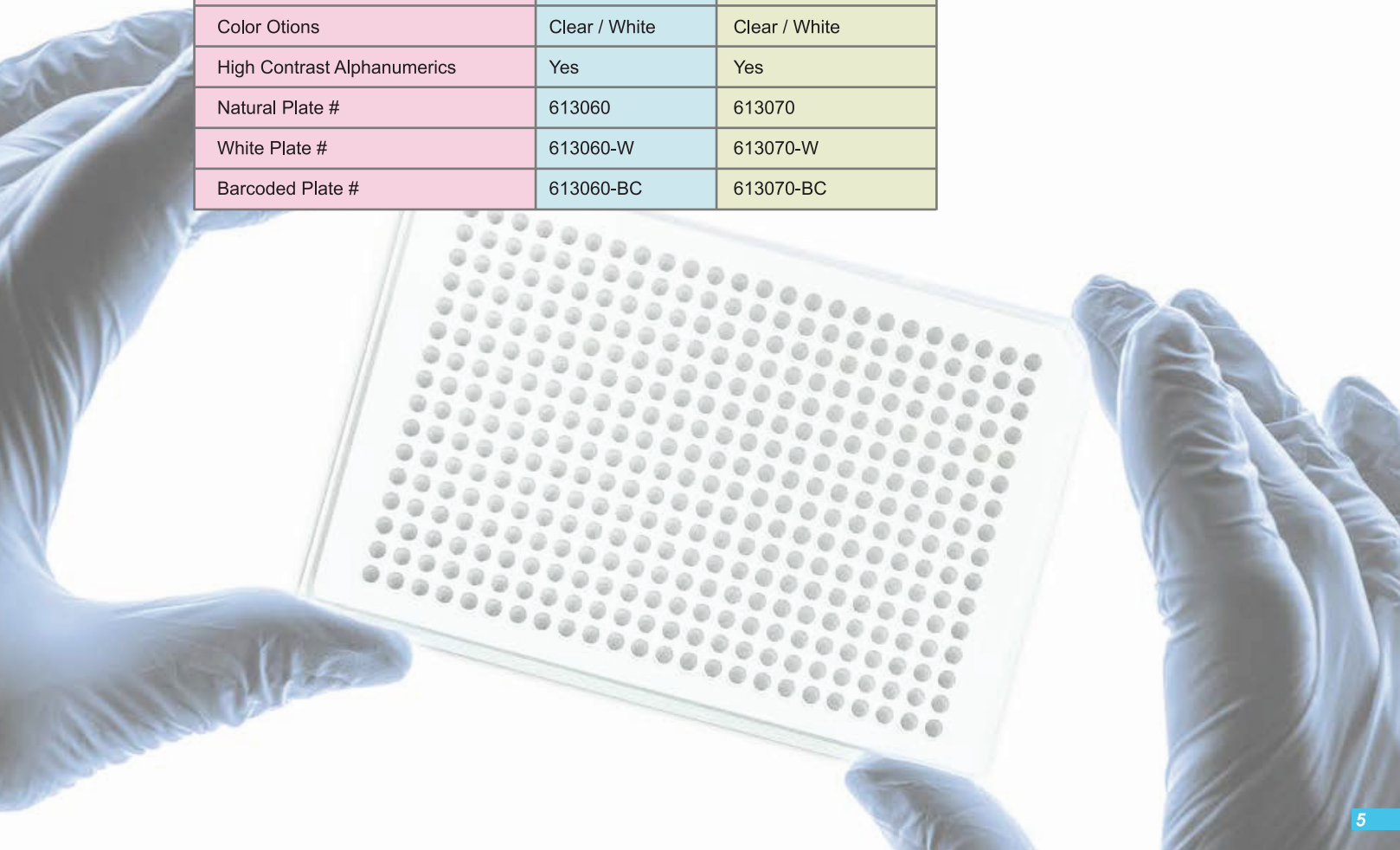
Low Profile Depth				
Skirt	Non-skirted	Full	Semi	Semi
Additional Features	Rimmed wells	Rimmed wells	Raised sides Rimmed wells	Rimmed wells
Cut Corner	H12	H1	A1	H12
Working Volume (per well)	1 - 140µl	1 - 140µl	1 - 140µl	1 - 140µl
Color Options	Clear / White	Clear / White	Clear / White	White
High Contrast Alphanumerics	Yes	Yes	Yes	Yes
Natural Plate #	613010	613020	613030	x
White Plate #	613010 - W	613020-W	613030-W	613040
Barcoded Plate #	x	613020-BC	613030-BC	613040-BC

## 384 Well Micro Profile 35 µl Maxiamp™ PCR Plates

Cat #	Color	Skirt	Deck	Cut corner	Profile	Well	Max Vol.	Packaging
613060	Clear	Full Skirt	Flat	A24, P24 (Roche® Type)	Micro	384	35µl	50 Pcs
613070	Clear	Full Skirt	Flat	A24, (ABI® Type)	Micro	384	35µl	50 Pcs

### Micro Profile Plates - 384 well

Micro Profile Depth		
	Skirt	Full
Additional Features	Rimmed wells	Rimmed wells
Cut Corner	A24, P24 (Roche® Type)	A24 (ABI® Type)
Working Volume (per well)	1 - 35µl	1 - 35µl
Color Options	Clear / White	Clear / White
High Contrast Alphanumerics	Yes	Yes
Natural Plate #	613060	613070
White Plate #	613060-W	613070-W
Barcoded Plate #	613060-BC	613070-BC



## RealAmp™ White PCR Plates / Tubes

RealAmp™ White PCR Plates / Tubes are used together with Ultra-clear caps or optical seals and detects significantly more consistent fluorescence signal. The improved signal reflection ensures lowest levels of fluorescence detection.

- ⌘ Ensures the highest level of sensitivity for qPCR reactions.
- ⌘ Recommended for low copy number samples.
- ⌘ 10x higher fluorescence level can be measured with white wells compared to clear wells.
- ⌘ Increased signal reflection leads to lower  $C_t$  Value.
- ⌘ 40 % Reduction of reagent volume (SYBR Green) leads to an effective cost saving (40%) for the qPCR assays.

## Barcoding options

### Ready-to-use barcoded plates

Ready-to-use barcoded plates are available for each Full skirted or Semi skirted Plate. The standard Code 128 barcode has been carefully designed and positioned for compatibility with all major barcode readers. Codes are random and each barcode also includes a human-readable format as a backup to ensure valuable samples can always be identified.

- ⌘ Wide temperature tolerance (-196°C to 120°C)
- ⌘ Scratch resistance

### Custom barcoding service

If you have specific requirement not met by our Ready-to-use code 128 barcoded plates, please let us solve your needs with our wide range of options-

- ⌘ Barcoded format- Code 128, Code 39 or Interleaved 2 or 5.
- ⌘ Label size- Available in standard label sizes (6 mm x 40 mm).





## PCR® Plates Thermal Cycler Compatibility

Catalog No. / Plate for	Non Skirted		Semi Skirted					Full Skirted		
	612010 0.2 mL H1 Cut Corner	613010 0.1 mL Low profile H12 Cut Corner	612020 0.2 mL raised deck A12 Cut Corner	612030 0.2 mL A12 Cut Corner	612040 0.2 mL Contoured raised deck A12 Cut Corner	613030 0.1 mL Low profile raised deck A1 Cut Corner	613040 0.1 mL Low profile H12 Cut Corner	613020 0.1 mL Low profile H1 Cut Corner	613060 A24 & P24 Cut Corner	613070 A24 Cut Corner
<b>Well Format</b>	96 Well							384 Well		
Standard well (nominal volume 200 µl; approx. height 21 mm)	•		•	•	•					
Low profile well (nominal volume 100 µl; approx. height 16 mm)		•				•	•	•		
Low profile well (nominal volume 35 µl; approx. height 10 mm)									•	•
<b>Manufacturer</b>	<b>Compatibility</b>									
<b>Applied Biosystems</b>										
2700 / 2720			•	•	•					
7000 / 7300			•	•	•					
7500			•	•	•	•				
7500 FAST						•				
9700			•	•	•					•
9800						•				
Automated Thermal Cycler			•	•	•					•
MiniAmp / MiniAmp Plus			•	•	•					
ProFlex			•	•	•					•
Quant Studio 3			•	•	•	•				
Quant Studio 5 / 6 / 7 / 12K			•	•	•	•				•
SimpliAmp			•	•	•					
Veriti / Veriti DX / ViiA7			•	•	•	•				•
7900 HT			•	•	•	•				•
StepOne Plus						•				
<b>Agilent</b>										
AriaMx		•						•		
Gradient Cycler	•	•		•				•		•
MX3000P / MX3005P / MX4000	•			•						
RoboCycler	•	•		•				•		
SureCycler 8800	•	•		•						•
<b>Analytik Jena / B ometra</b>										
FlexCycler2	•	•		•				•		
qTower	•	•		•				•		
SpeedCycler2	•	•		•				•		
T1		•		•				•		•
Tadvanced	•	•		•				•		•
Tgradient	•	•		•				•		•
Tone	•	•		•				•		•
Tprofessional	•	•		•				•		•
Trobot	•	•		•				•		•
<b>Axygen</b>										
MaxyGene II	•			•			•			
<b>Bioer / Bulldog</b>										
GeneTouch	•	•		•				•		•
GeneTouch Plus	•	•		•				•		
LifeECO / LifePro / LifeTouch	•	•		•				•		
<b>Bio-Rad</b>										
C1000/C1000 Touch	•	•		•				•		•
CFX Connect		•		•				•		
CFX Touch		•		•				•		•
Chromo4	•	•		•				•		
DNA Engine	•	•		•				•		•
iCycler / iCycler IQ / IQ5 / MyIQ / MyIQ2	•	•		•				•		•
Opticon		•		•				•		
PTC-200	•	•		•				•		•
S1000	•	•		•				•		•
T100	•	•		•				•		•

## PCR® Plates

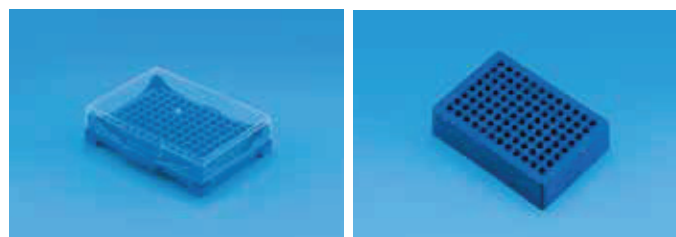
### Thermal Cycler Compatibility

Catalog No. / Plate for	Non Skirted		Semi Skirted					Full Skirted		
	612010 0.2 mL H1 Cut Corner	613010 0.1 mL Low profile H12 Cut Corner	612020 0.2 mL raised deck A12 Cut Corner	612030 0.2 mL A12 Cut Corner	612040 0.2 mL Contoured raised deck A12 Cut Corner	613030 0.1 mL Low profile raised deck A1 Cut Corner	613040 0.1 mL Low profile H12 Cut Corner	613020 0.1 mL Low profile H1 Cut Corner	613060 A24 & P24 Cut Corner	613070 A24 Cut Corner
<b>Well Format</b>	96 Well							384 Well		
Standard well (nominal volume 200 µl; approx. height 21 mm)	•		•	•	•					
Low profile well (nominal volume 100 µl; approx. height 16 mm)		•				•	•			
Low profile well (nominal volume 35 µl; approx. height 10 mm)									•	•
<b>Manufacturer</b>	<b>Compatibility</b>									
<b>Bruker / Hain Lifesciences</b>										
	GTQ-Cycler 96									
	•	•	•	•	•	•	•	•	•	•
<b>Cole Pamer / Tachne</b>										
	Flexigene									
	•	•		•						•
	Genius									
	•	•		•						
	Prime / Prime Elite									
	•	•		•				•		•
	PrimeQ / Quantica									
	•	•		•				•		
	TC-4000 / TC-412 / TC-5000									
	•	•		•				•		•
	TC-512									
	•	•		•				•		
	TC-PLUS									
	•	•		•				•		•
<b>DLab</b>										
	TC1000-G									
	•	•		•				•		
<b>Eastwin</b>										
	ETC811 / ETC821									
	•			•						
<b>Eppendorf</b>										
	Mastercycler Gradient									
	•	•		•				•		•
	Mastercycler ep Gradient									
	•	•		•				•		•
	Mastercycler Nexxux / Nexux Eco									
	•	•		•				•		•
	Mastercycler Pro / X50									
	•	•		•				•		•
	Mastercycler ep Realplex									
	•	•		•				•		•
<b>Esco</b>										
	Aeris / Swift MaxPro									
	•	•		•				•		•
<b>Genestorm / Agilegene</b>										
	GS1 / GS2 / GS4									
	•	•		•				•		•
<b>Kyratec</b>										
	SuperCycler Trinity									
	•	•		•				•		
<b>Labnet</b>										
	MultiGene / OptiMax									
	•			•						
<b>MWG Biotech</b>										
	Primus									
	•	•		•				•		•
	The Q LifeCycler									
	•	•		•				•		
<b>PeqLab / VWR</b>										
	peqSTAR 2x									
	•	•		•				•		
	peqSTAR X / Uno									
	•	•		•				•		•
<b>Roche</b>										
	LightCycler 480									
	•	•					•		•	
	LightCycler 96									
	•	•					•			
<b>SensoQuest</b>										
	Labcyler									
	•	•		•				•		•
<b>TakaRa</b>										
	TP3000									
	•	•		•						
<b>ThermoFisher</b>										
	Arktik / Hybaid MBS / Hybaid PX2/PXE									
	•	•		•				•		•

Note : This document is intended as a guide only. Please call for a sample plate for choosing the correct plate.

## PCR Workstation Racks

Cat #	Product description	Design	Packaging
241000	PCR Rack with cover	96 place	6
240060	PCR Rack without cover	96 place	6



## PCR Sealing Options

### PCR Cap Strips

Cat #	Type	Pcs. per bag	Packaging
510073	Ultra-Clear Flat Cap for Strip/Plates 0.1/0.2 ml	125	1250
510091	Flat cap for PCR Tube Strip/Plates 0.1/0.2 ml	125	1250
510092	Dome Cap for PCR Tube Strips/Plates 0.1/0.2 ml	125	1250



### Silicone Sealing Mat for 96 Well PCR Plate

Transparent Silicone Mats fit most brands of 96-Well PCR Plates. Can be cleaned and reused. Autoclavable at 121°C

Cat #	Type	Packaging
510170	Silicone Sealing Mat for 96 Well PCR Plate	50



### Optical Plate Seal

Disposable, non pierceable seal which can be easily removed after the PCR. A pressure applied by the heated lid of thermal cycler is needed to keep the seal well closed during thermal cycling. Excellent optical properties ensure Real-Time PCR application.

Cat #	Type	Packaging
157300	Optical Plate Seal	100



## PCR Mini-Coolers

### MAGICOOL™ Mini-Coolers

It acts as thermochromic self-indicator Mini-Cooler. It keeps samples at 4°C for approx 3 hrs. When temperature exceeds +7°C, it indicates by changing color from violet to pink. Used for preparation of PCR reactions.

Cat #	Product description	Design	Packaging
241002	MAGICOOL™ Mini-Cooler	96 Well	1



### -20°C PCR Mini-Cooler with transparent lid

Maintains temperature below 1°C for approx 5hrs. It is suitable for individual PCR Tubes, 8-strips or 96 Well PCR Plates. Used for preparation of PCR reactions.

Cat #	Product description	Design	Packaging
525110	-20°C PCR Mini-Cooler	96 Well	1





## TARSONS PRODUCTS LIMITED

### GLOBAL HEADQUARTER

902, MARTIN BURN BUSINESS PARK  
BP-3, SALT LAKE, SECTOR-V  
KOLKATA 700 091, INDIA  
PHONE +91 033 3522 0300  
e-mail: [info@tarsons.com](mailto:info@tarsons.com)  
website: [www.tarsons.com](http://www.tarsons.com)

