



RESUSCITATION MADE SIMPLE



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ABOUT MERLIN ...

Merlin Medical is a UK-based manufacturer and distributor with an international reputation for the quality of our emergency manual resuscitators and related resuscitation products.

Supplying through a network of worldwide and UK distributors, Merlin is recognised as one of the world's leading resuscitator manufacturers.

The range offers AUTOCLAVABLE, RE-USABLE and DISPOSABLE resuscitators – each available in adult, child and infant sizes. In addition we offer a comprehensive choice of optional face-masks, 2 emergency CPR face-masks and a full selection of optional replacement parts.

Every resuscitator is manufactured to CE Class IIA standards, is FDA cleared, complies with ISO 8382 requirements and is fully tested to ASTM F920-93 Guidelines.

Our reputation for supplying quality products at competitive prices is matched by a determination to continue to provide exceptional customer service and develop long-term trading relationships with our business partners around the world.

If you have any questions or require assistance please speak to a member of our sales team - we are here to help you.

PLEASE CONTACT US AT:

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Alternatively visit us at our website: www.merlin-medical.com

RESUSCITATION MADE SIMPLE

... whatever your resuscitation requirements – Merlin can help



THE CHOICE IS YOURS ...

- Resuscitators.
 - Fully autoclavable.
 - Re-Usable.
 - Disposable.
 - 3 size options - adult, child & infant.
- CPR facemasks.
- E-shields.

RESUSCITATORS DESIGNED TO MEET YOUR NEEDS ...

- Each kit contains: bag, mask, patient & intake valves, reservoir bag, 2 mtrs O₂ drive-line.
- Optional Pop-Off valves for all adult resuscitators.
- Child and Infant sizes have Pop-Off valve as standard.
- Optional mask sizes available.
- Comprehensive range of replacement/optional parts.
- Peep valve & adaptor available.
- Carry case fits all sizes.
- See page 10 for more range information.

SUPERB PRODUCTS AT COMPETITIVE PRICES ...

- The air intake valve has a fully integrated O₂ reservoir valve and oxygen port.
- 360° rotational patient valve allows use with left or right hand.
- Simple re-positioning for use in confined spaces.
- Our masks are anatomically designed for comfort and conform easily to facial contours.
- Simple to take apart and re-assemble.
- Fully collapsible - takes up minimal space.
- Each kit individually boxed for ease of identification and storage.

QUALITY THAT SPEAKS FOR ITSELF ...

- CE Class IIA and FDA cleared.
- Fully compliant with: ISO 9001-2000, ISO 13485-2003, ISO 8382.
- Tested to ASTM-F-920-93 guidelines.
- 100 % Latex Free.
- Only first grade materials used.
- Uncompromising manufacturing standards.
- 100% inspection level.
- Exceptional re-inflation rates over a wide range of temperatures.
- Batch marking for traceability.
- See page 9 for more quality-related information.

100%
LATEX FREE

CE
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FDA
Registration Number:
3004149021

MORE INFORMATION IS NOW AVAILABLE ON OUR WEBSITE AT: www.merlin-medical.com

AUTOCLAVABLE RESUSCITATOR

... the ultimate fully autoclavable resuscitator



KEY FEATURES

- Each resuscitator includes: bag, mask, patient & intake valves, reservoir bag & 2m O₂ drive-line.
- Made from transparent durable silicone – allows inspection before and during use.
- Optional Pop-Off valves on Adult sizes – standard on Child and Infant.
- 6 mask sizes available.
- Fully autoclavable to 125°C.

SIZES

- Adult - with Pop-Off valve. (W44525)
- Adult - without Pop-Off valve. (W4452)
- Child - with Pop-Off valve as standard. (W4454)
- Infant - with Pop-Off valve as standard. (W4456)

TWO-PIECE MASKS

- Adult #5 fully autoclavable. (W4452/5)
- Adult #4 fully autoclavable. (W4452/4)
- Child #3 fully autoclavable. (W4454/3)

'DONUT' MASKS

- Child #2 fully autoclavable. (W4454/2)
- Infant #1 fully autoclavable. (W4456/1)
- Infant #0 fully autoclavable. (W4456/0)

OPTIONAL/REPLACEMENT PARTS



1. Carry Case. (DB9002)
2. Reservoir Bags. (W4441/2 & W4446/2)
3. 2 metres O₂ drive-line. (W55397)
4. Peep valve and adaptor set. (W44574)
5. Peep valve. (W44571)
6. Peep valve adaptor. (W44572)
7. Intake valve. (W4464)
8. Diaphragm Service Pack. (W4458)
9. Patient valve with Pop-Off valve. (W4460)
10. Patient valve without Pop-Off valve. (W4463)
11. Two-piece masks. (See above)
12. One-piece 'donut' masks. (See above)

SEE PAGE 10 FOR PRODUCT CODES.
SEE PAGE 11 FOR TECHNICAL SPECIFICATIONS.

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5 SERIES RE-USABLE RESUSCITATOR

... versatile and practical



KEY FEATURES

- Each resuscitator includes: bag, mask, patient & intake valves, reservoir bag & 2m O₂ drive-line.
- Made of durable synthetic material.
- Total disassembly for cleaning and sterilisation.
- Patient and Intake valves are autoclavable to 125°C.
- The remaining components can be cleaned by liquid chemical sterilisation.
- 6 mask sizes available.
- Textured grip ensures comfortable use.

SIZES

- Adult - with Pop-Off valve. (W5552)
- Adult - without Pop-Off valve. (W5551)
- Child - with Pop-Off valve as standard. (W5553)
- Infant - with Pop-Off valve as standard. (W5556)

TWO-PIECE MASKS

- Adult #5 fully autoclavable. (W5552/5)
- Adult #4 fully autoclavable. (W5552/4)
- Child #3 fully autoclavable. (W5554/3)

'DONUT' MASKS

- Child #2 fully autoclavable. (W4454/2)
- Infant #1 fully autoclavable. (W4456/1)
- Infant #0 fully autoclavable. (W4456/0)

OPTIONAL/REPLACEMENT PARTS

1. Carry Case. (DB9002)
2. Reservoir Bags. (W4441/2 & W4446/2)
3. 2 metres O₂ drive-line. (W55397)
4. Peep valve. (D44571)
5. Peep valve adaptor. (D44572)
6. Peep valve and adaptor set. (D44574)
7. Intake valve. (W4464)
8. Diaphragm Service Pack. (W4458)
9. Patient valve with pop-off valve. (W4460)
10. Patient valve without pop-off valve. (W4463)
11. Two-piece masks. (See above)
12. One-piece 'donut' masks. (See above)



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4 SERIES RE-USABLE RESUSCITATOR

... excellent value for money



KEY FEATURES

- Each resuscitator includes: bag, mask, patient & intake valves, reservoir bag & 2m O₂ drive-line.
- Made of durable synthetic material.
- Shares same 'bag' as 5 series.
- Liquid chemical sterilisation.
- Intake valve is non-removable.
- Four air-cushioned masks available.
- Peep valve and adaptor available.

SIZES

- Adult - with Pop-Off valve. (W4442)
- Adult - without Pop-Off valve. (W4441)
- Child - with Pop-Off valve as standard. (W4443)
- Infant - with Pop-Off valve as standard. (W4446)



ONE-PIECE AIR-CUSHIONED MASKS

- Adult - Large. (W4440/1)
- Adult. (W4441/1)
- Child. (W4443/1)
- Infant. (W4446/1)

OPTIONAL/REPLACEMENT PARTS



1. Carry Case. (DB9002)
2. Reservoir Bags. (W4441/2 & W4446/2)
3. 2 metres O₂ drive-line. (W55397)
4. Peep valve. (D44571)
5. Peep valve adaptor. (D44572)
6. Peep valve and adaptor set. (D44574)
7. Diaphragm Service Pack. (W4458)
8. Patient valve without pop-off valve. (W4463)
9. Patient valve with pop-off valve. (W4460)
10. One-piece air-cushioned masks. (See above)

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DISPOSABLE RESUSCITATOR

... so good you won't believe it's disposable!



KEY FEATURES

- Each resuscitator includes: bag, mask, patient & intake valves, reservoir bag & 2m O₂ drive-line.
- Made from transparent durable vinyl – allows inspection before and during use.
- Patient valve incorporates vomit deflector/peep valve adaptor.
- Four air-cushioned masks available.

SIZES

- Adult - with Pop-Off valve. (W4472)
- Adult - without Pop-Off valve. (W4473)
- Child - with Pop-Off valve as standard. (W4475)
- Infant - with Pop-Off valve as standard. (W4477)

ONE-PIECE AIR-CUSHIONED MASKS

- Adult - Large. (W4440/1)
- Adult. (W4441/1)
- Child. (W4443/1)
- Infant. (W4446/1)

OPTIONAL/REPLACEMENT PARTS

1. Carry Case. (DB9002)
2. Reservoir Bags. (W4441/2 & W4446/2)
3. 2 metres O₂ drive-line. (W55397)
4. Peep valve. (W44571)
5. Patient valve without pop-off valve. (W4469)
6. Patient valve with pop-off valve. (W4483)
7. One-piece air-cushioned masks. (See above)



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E-MASK RANGE (CPR FACEMASKS)

... for when you need help most

RE-USABLE E-MASK WITH CASE (W4453)



KEY FEATURES

- CPR facemask with O₂ port, head strap and neon yellow case.
- One-way bacterial/viral filter eliminates contamination risks.
- Fittings are standard 22mm and can be used with resuscitator.
- Fits adult or child.
- Bright neon yellow case for easy identification.
- Also available with a pair of latex-free vinyl gloves (W4466)

RE-USABLE E-MASK WITHOUT CASE (W4457)



KEY FEATURES

- Same mask as above **without** O₂ port, headstrap or neon case.
- Supplied in storage bag.

OPTIONAL/REPLACEMENT PARTS (W4453/1)

- One-way valve & filter.
(Fits both masks, for single patient use only)

E-SHIELDS (W4455 + W4545)

KEY FEATURES

- Single-Use mouth-to-mouth protection shield.
- Available in:
Keyring pouch (W4545 pictured)
Ziplock poly bag (W4455 not pictured)
- 3M bacterial filter.



SEE PAGE 10 FOR PRODUCT CODES
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OUR QUALITY IS YOUR REASSURANCE



CE MARKING

European Union legislation requires that all medical devices capable of being connected to an oxygen (O₂) port are subject to European Directives 93/42 EEC and 90/385 EEC.

All our resuscitators are fully compliant with the requirements and obligations of these EU Directives.

Therefore every resuscitator is approved as CE CLASS IIA and carries the appropriate CE mark including the 4 digit Notified Body number which ALL resuscitators should carry.



ISO COMPLIANCE

All our resuscitators comply with ISO 8382 standards and are tested to ASTM F920-93 Guidelines.

In addition our Quality Systems have reached the standards necessary to achieve ISO 13485-2003, & ISO 9001-2000 - see certificates below.



FDA

We are also FDA 510(k) cleared enabling us to trade within the USA. Our registration number is 3004149021



JUDGE FOR YOURSELF

WHEN YOU USE YOUR RESUSCITATOR YOU CAN HAVE THE CONFIDENCE THAT IT WILL OPERATE CORRECTLY FIRST TIME & EVERY TIME.

- **Quality products.**
... first grade raw materials used.
- **100% inspection level.**
... every product is inspected, checked & approved.
- **Non-allergenic.**
... all our resuscitators are 100% Latex Free.
- **Complete traceability.**
... every product is batch marked.
- **Safe storage & ease of identification.**
... quality packaging materials for added protection & ease of storage.

DESCRIPTION	AUTOCLAVABLE	5 SERIES	4 SERIES	DISPOSABLE	E-MASKS	E-SHIELD
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PRODUCT CODES

RESUSCITATORS	CODE	WITH MASK ‡	CODE	WITH MASK ‡	CODE	WITH MASK ‡	CODE	WITH MASK ‡		
Adult Without Pop-Off	W4452	A	W5551	A	W4441	D	W4473	D		
Adult With Pop-Off	W44525	A	W5552	A	W4442	D	W4472	D		
Child With Pop-Off	W4454	B	W5553	B	W4443	E	W4475	E		
Infant With Pop-Off	W4456	C	W5556	C	W4446	F	W4477	F		

All the above are supplied with: Bag, Mask (A-F as indicated), Patient & Intake Valves, Reservoir Bag & 2 Meters O₂ Drive Line.

MASKS	‡						
Adult Two-Piece Size 5	A	W4452/5*	W5552/5				
Adult Two-Piece Size 4		W4452/4*	W5552/				
Child Two-Piece Size 3	B	W4454/3*	W5554/3				
Child Donut Size 2		W4454/2*	W4454/2*				
Infant Donut Size 1		W4456/1*	W4456/1*				
Infant Donut Size 0	C	W4456/0*	W4456/0*				
Adult - Large One-Piece, Air-Cushioned				W4440/1	W4440/1		
Adult One-Piece, Air-Cushioned	D			W4441/1	W4441/1		
Child One-Piece, Air-Cushioned	E			W4443/1	W4443/1		
Infant One-Piece, Air-Cushioned	F			W4446/1	W4446/1		

REPLACEMENT/OPTIONAL PARTS						
Reservoir Bag Adult/Child	W4441/2	W4441/2	W4441/2	W4441/2		
Reservoir Bag Infant	W4446/2	W4446/2	W4446/2	W4446/2		
Diaphragm Service Pack	W4458*	W4458*	W4458*			
Patient Valve With Pop-Off	W4460*	W4460*	W4460*	W4483		
Patient Valve Without Pop-Off	W4463*	W4463*	W4463*	W4469		
Intake Valve	W4464*	W4464*				
Peep Valve	W44571*	D44571	D44571	D44571		
Peep Valve Adaptor	W44572*	D44572	D44572			
Peep Valve & Adaptor Set	W44574*	D44574	D44574			
Oxygen Drive-Line (2 metres fits all)	W55397	W55397	W55397	W55397		
Carry Case (Clear plastic with handle)	DB9002	DB9002	DB9002	DB9002		

E-MASKS (RE-USABLE)					
With Strap, O ₂ Port & Neon Case				W4453	
Without Strap, O ₂ Port & Neon Case				W4457	

E-MASK REPLACEMENT/OPTIONAL PARTS					
Single-Use Valve & Filter				W4453/1	

E-SHIELDS (SINGLE-USE)					
In Ziplock Bag					W4455
With Keyring Pouch					W4545

Codes marked * ARE AUTOCLAVABLE TO 125°C. All other codes Liquid chemical sterilisation only

TECHNICAL SPECIFICATIONS

DESCRIPTION	AUTOCLAVABLE			5 SERIES			4 SERIES			DISPOSABLE		
	ADULT	CHILD	INFANT	ADULT	CHILD	INFANT	ADULT	CHILD	INFANT	ADULT	CHILD	INFANT
Maximum Rate (BPM)	85	144	150	85	144	150	85	144	150	90	144	154
Maximum Volume (ml)	980	360	180	980	360	180	980	360	180	1030	430	230
Oxygen LPM	3 5 10	10	4	3 5 10	10	4	3 5 10	10	4	3 5 10	10	4
Concentration RATE	12 12 12	12	30	12 12 12	20	30	12 12 12	20	30	12 12 12	20	30
Tidal Volume (ml)	500 500 500	250	40	500 500 500	250	40	500 500 500	250	40	500 500 500	250	40
With Reservoir (%)	68 85 95	98	98	68 85 95	98	98	68 85 95	98	98	78 86 92	97	96
Without Reservoir (%)	34 47 66	70	85	34 47 66	70	85	34 47 66	70	85	33 45 58	68	80
Measured Volume: Bag (ml)	1850	585	320	1850	585	320	1850	585	320	1745	665	360
Measured Volume: Reservoir (ml)	2900	2900	810	2900	2900	810	2900	2900	810	2900	2900	810
Pop-Off (Pressure Release) Nominal	40cm (±5) H ₂ O	40cm (±5) H ₂ O	40cm (±5) H ₂ O	40cm (±5) H ₂ O	40cm (±5) H ₂ O	40cm (±5) H ₂ O	40cm (±5) H ₂ O	40cm (±5) H ₂ O	40cm (±5) H ₂ O	40cm (±5) H ₂ O	40cm (±5) H ₂ O	40cm (±5) H ₂ O
Patient Weight (kg/lbs)	OVER 30/66	BETWEEN 7/15 - 30/66	UNDER 7/15	OVER 30/66	BETWEEN 7/15 - 30/66	UNDER 7/15	OVER 30/66	BETWEEN 7/15 - 30/66	UNDER 7/15	OVER 30/66	BETWEEN 7/15 - 30/66	UNDER 7/15

NOTES:

Average Sized Male (kg/lbs) 73/160

Average Sized Male (mtrs/imp) 1.73/5'8"

Full bag re-expansion allowed for each stroke.

Bag compliance differs with alternative hand positions (no-load condition).

Testing method accurate according to ASTM - F920 - 93 guidelines. 0

MINIMUM ORDER (BOX) QUANTITIES / WEIGHTS & DIMENSIONS

SIZE	AUTOCLAVABLE			5 SERIES			4 SERIES			DISPOSABLE			E-MASK		
	BOX QTY	DIMS CMS	WEIGHT KGS	BOX QTY	DIMS CMS	WEIGHT KGS	BOX QTY	DIMS CMS	WEIGHT KGS	BOX QTY	DIMS CMS	WEIGHT KGS	BOX QTY	DIMS CMS	WEIGHT KGS
RESUSCITATOR: ADULT	18	48 x 42 x 44	13	18	48 x 42 x 42	12	18	48 x 42 x 44	12	24	57 x 56 x 49	13			
RESUSCITATOR: CHILD	24	56 x 49 x 35	12	24	49 x 56 x 55	11	24	56 x 49 x 35	11	32	48 x 48 x 48	12			
RESUSCITATOR: INFANT	24	56 x 49 x 35	10	24	49 x 33 x 53	10	24	56 x 49 x 35	10	32	48 x 48 x 48	12			
E-MASK (W4453)													144	57 x 46 x 44	18
E-MASK (W4457)													192	57 x 47 x 43	12
E-SHIELD													100	Subject to quantity	Subject to quantity

RESUSCITATION MADE SIMPLE



Autoclavable



Re-Usable



Disposable



CPR Facemasks



E-Shields



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