

Competency Assessment Questions – Flowsensor Technical Training

Please please refer to any system resources that you have access to in order to locate the information. The training materials will be made available on the system.

If you are unable to find the information, please make notes at the end of this document detailing where you struggled.

1) What 2 methods are used to determine flow in the flowsensors that Viamed supplies?

HOT WIRE ANEMOMETRIC OR PRESSURE DIFFERENTIAL

2) When placed at the patient's airway, the flowsensor is said to be placed _____?

PROXIMALLY

3) How many times and at what temperature can the SpiroTrue A(PC) be autoclaved?

100 x @ 134 C

4) Which model of flowsensor uses the pressure differential method?

SPIROTRUE H

5) Can Flowsensor H be cleaned?

NO

6) What is the definition of the term Anemometric?

PERTAINING TO THE MEASUREMENT OF WIND SPEED AND DIRECTION

7) What does the ventilator use the tidal volume measurement for?

TO REGULATE THE BREATHING CYCLE

8) How many flowsensors are supplied in each box?

Flowsensor A 5

Flowsensor A(PC) 5

Flowsensor H 6

Notes or Comments:

Name: PHIL CROSSKEY Date: 13.11.23

Flowsensors
Technical

Training Feedback Form

Training Course Completed: AUTOMOTIVE O2 SENSORS TECHNICAL			
Date: 13.11.23	Time/Length: 1/2h	Trainer: Steve Hardaker	
Content	Yes	No	Unsure
Was the course content presented in a logical manner?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was the course content and material complete and comprehensive?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Will this information be useful to you in your job role?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Relevance	Yes	No	Unsure
Do you feel you now have a better understanding of the product/procedure/training area*?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the course challenge your thinking and understanding of the product/procedure/training area*?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you feel the training is beneficial to your team?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trainer	Yes	No	Unsure
Did the trainer communicate and explain the material clearly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did you feel the instructor was knowledgeable in the area covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the trainer encourage discussions and questions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Do you require any further training in this area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If so, what would you like this training to cover?			
Further comments:			
Name: PHIL CROSSLEY			
Date: 13.11.23			

Please delete as applicable

Competency Assessment Questions – Flowsensor Technical Training

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1) What 2 methods are used to determine flow in the flowsensors that Viamed supplies?

Hot wire Anemometric & Pressure differential.

2) When placed at the patient's airway, the flowsensor is said to be placed _____?

3) How many times and at what temperature can the SpiroTrue A(PC) be autoclaved?

Up to 100 cycles and at 134°C

4) Which model of flowsensor uses the pressure differential method?

4310009 – SpiroTrue H – Single use Flow Sensor.

5) Can Flowsensor H be cleaned?

No

6) What is the definition of the term Anemometric?

Pertaining to the measurement of wind speed direction

7) What does the ventilator use the tidal volume measurement for?

To calculate the expired and inspired volumes - uses this to regulate the breathing cycle.

8) How many flowsensors are supplied in each box?

Flowsensor A 5

Flowsensor A(PC) 5

Flowsensor H 6

Notes or Comments:

Name: Aqib Mageed Date: 13~~th~~ 13.11.23.

Training Feedback Form

Training Course Completed: FLOW SENSORS - TECHNICAL			
Date: 13.11.23	Time/Length: 1/2h	Trainer: Steve Hardaker	
Content	Yes	No	Unsure
Was the course content presented in a logical manner?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was the course content and material complete and comprehensive?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Will this information be useful to you in your job role?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Relevance	Yes	No	Unsure
Do you feel you now have a better understanding of the product/procedure/training area*?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the course challenge your thinking and understanding of the product/procedure/training area*?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you feel the training is beneficial to your team?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trainer	Yes	No	Unsure
Did the trainer communicate and explain the material clearly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did you feel the instructor was knowledgeable in the area covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the trainer encourage discussions and questions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Do you require any further training in this area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If so, what would you like this training to cover?			
Further comments:			
Name: Arif Megeed			
Date: 13.11.23			

Please delete as applicable

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- 1) What 2 methods are used to determine flow in the flowsensors that Viamed supplies?

Hot wire anemometric Flowsensors
pressure differential flowsensors.

- 2) When placed at the patient's airway, the flowsensor is said to be placed proximal?

- 3) How many times and at what temperature can the SpiroTrue A(PC) be autoclaved?

100 cycles (Autoclaved) 136°C

- 4) Which model of flowsensor uses the pressure differential method?

Hamilton Compatible Flowsensor H.

- 5) Can Flowsensor H be cleaned?

- 6) What is the definition of the term Anemometric?

pertaining to the measurement of wind speed and direction.

- 7) What does the ventilator use the tidal volume measurement for?

To Regulate the breathing cycle.

- 8) How many flowsensors are supplied in each box?

Flowsensor A 5

Flowsensor A(PC) 5

Flowsensor H 6

Notes or Comments:

Name: JANINE Gail Date: 23.11.13

Training Feedback Form

Training Course Completed: FLOWSENSORS - TECHNICAL			
Date: 13.11.23	Time/Length: 1/2h	Trainer: Steve Hardaker	
Content	Yes	No	Unsure
Was the course content presented in a logical manner?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was the course content and material complete and comprehensive?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Will this information be useful to you in your job role?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Did the course challenge your thinking and understanding of the product/procedure/training area*?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you feel the training is beneficial to your team?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trainer	Yes	No	Unsure
Did the trainer communicate and explain the material clearly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did you feel the instructor was knowledgeable in the area covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the trainer encourage discussions and questions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Do you require any further training in this area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If so, what would you like this training to cover?			
Further comments:			
Name: <i>Janine Gill</i>			
Date: 13.11.23			

Please delete as applicable

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1) What 2 methods are used to determine flow in the flowsensors that Viamed supplies?

- Hot wire anemometric
- Pressure differential flowsensors

2) When placed at the patient's airway, the flowsensor is said to be placed _____?
Proximal

3) How many times and at what temperature can the SpiroTrue A(PC) be autoclaved?

up to 100 cycles at 134°C

4) Which model of flowsensor uses the pressure differential method?

SpiroTrue H (4310009)

5) Can Flowsensor H be cleaned?

NO - single patient use.

6) What is the definition of the term Anemometric?

Pertaining to the measurement of wind speed and direction.

7) What does the ventilator use the tidal volume measurement for?

To regulate the breathing cycle.

8) How many flowsensors are supplied in each box?

Flowsensor A 5

Flowsensor A(PC) 5

Flowsensor H 6

Notes or Comments:

Name: Sophie Lines Date: 13-11-23

Training Feedback Form

Training Course Completed: <u>Flaw Sensor Technical</u>			
Date: <u>13/11/23</u>	Time/Length: <u>1/2h</u>	Trainer: <u>Steve Hardaker</u>	
Content	Yes	No	Unsure
Was the course content presented in a logical manner?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was the course content and material complete and comprehensive?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Will this information be useful to you in your job role?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Relevance	Yes	No	Unsure
Do you feel you now have a better understanding of the product/procedure/training area*?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the course challenge your thinking and understanding of the product/procedure/training area*?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Trainer	Yes	No	Unsure
Did the trainer communicate and explain the material clearly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did you feel the instructor was knowledgeable in the area covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the trainer encourage discussions and questions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Do you require any further training in this area?			
<input type="checkbox"/>			
If so, what would you like this training to cover?			
<u>N/A</u>			
Further comments:			
<u>N/A</u>			
Name: <u>Sophie Lines</u>			
Date: <u>13-11-23</u>			

Please delete as applicable

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Hot wire anemometric & pressure differential

2) When placed at the patient's airway, the flowsensor is said to be placed proximally?

proximally

3) How many times and at what temperature can the SpiroTrue A(PC) be autoclaved?

100 cycles 134c

4) Which model of flowsensor uses the pressure differential method?

4310009 - SpiroTrue H

5) Can Flowsensor H be cleaned?

No

6) What is the definition of the term Anemometric?

the measurement of wind speed + direction

7) What does the ventilator use the tidal volume measurement for?

To regulate the breathing cycle

8) How many flowsensors are supplied in each box?

Flowsensor A 5

Flowsensor A(PC) 5

Flowsensor H 6

Notes or Comments:

Name: Kate Griffiths Date: 13.11.23

Training Feedback Form

Training Course Completed: <u>FLOWSENSORS TECHNICAL</u>			
Date: <u>13-11-23</u>	Time/Length: <u>1/2h</u>		Trainer: <u>Steve Hardaker</u>
Content	Yes	No	Unsure
Was the course content presented in a logical manner?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was the course content and material complete and comprehensive?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Will this information be useful to you in your job role?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Relevance	Yes	No	Unsure
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Did the course challenge your thinking and understanding of the product/procedure/training area*?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you feel the training is beneficial to your team?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trainer	Yes	No	Unsure
Did the trainer communicate and explain the material clearly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did you feel the instructor was knowledgeable in the area covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the trainer encourage discussions and questions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Do you require any further training in this area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If so, what would you like this training to cover?			
<div style="height: 100px; border: 1px solid black;"></div>			
Further comments:			
<div style="height: 100px; border: 1px solid black;"></div>			
Name: <u>Kate Griffiths</u>			
Date: <u>13-11-23</u>			

Please delete as applicable

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Hot wire anemometric and pressure differential.

2) When placed at the patient's airway, the flowsensor is said to be placed proximally?

3) How many times and at what temperature can the SpiroTrue A(PC) be autoclaved?

100 times, 134°C

4) Which model of flowsensor uses the pressure differential method?

Flowsensor H / 4310009

5) Can Flowsensor H be cleaned?

No

6) What is the definition of the term Anemometric?

Measurement of wind speed and direction.

7) What does the ventilator use the tidal volume measurement for?

To regulate patient breathing cycle

8) How many flowsensors are supplied in each box?

Flowsensor A 5

Flowsensor A(PC) 5

Flowsensor H 6

Notes or Comments:

Name: ROBERT CONNOR Date: 13/11/23

Training Feedback Form

Training Course Completed: FLOWSENSORS TECHNICAL			
Date: 13/11/23	Time/Length: 1/2h	Trainer: Steve Hardaker	
Content	Yes	No	Unsure
Was the course content presented in a logical manner?	✓		
Was the course content and material complete and comprehensive?	✓		
Will this information be useful to you in your job role?	✓		
Relevance	Yes	No	Unsure
Do you feel you now have a better understanding of the product/procedure/training area*?	✓		
Did the course challenge your thinking and understanding of the product/procedure/training area*?	✓		
Do you feel the training is beneficial to your team?	✓		
Trainer	Yes	No	Unsure
Did the trainer communicate and explain the material clearly?	✓		
Did you feel the instructor was knowledgeable in the area covered?	✓		
Did the trainer encourage discussions and questions?	✓		
Comments			
Do you require any further training in this area?		✓	
If so, what would you like this training to cover?			
Further comments:			
Name: ROBERT GUNNOR			
Date: 13/11/23			

Please delete as applicable