



# CAN99™ SURGICAL RESPIRATOR



**VITACORE**  
PROUD TO BE CANADIAN



# PRODUCT INFORMATION

Our CAN99™ Surgical Respirator is Vitacore's newest and most advanced particulate respirator. It was designed specifically for Canadian healthcare and frontline workers to provide the highest level of protection. The CAN99™ is manufactured at Vitacore's Burnaby BC facility. The CAN99™ is currently available exclusively to public healthcare and frontline workers.

## CAN99™





# CAN99™ Surgical Respirator

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# PRODUCT INFORMATION

## CAN99™ Surgical Respirator

Product Name : CAN99™ Surgical Respirator

Manufacturer : Vitacore Industries

Place of Production : Burnaby, B.C. Canada

CAN99™ initial independent fit testing demonstrates some of the highest fit scores of any respirator ever tested. The CAN99™ has over 99% particulate filtration efficiency (NIOSH), a minimum of 160 mmHg blood penetration resistance (ASTM F2100). Our low inhalation/exhalation resistance creates the best breathability of any mask in its class available on the market.

The material, assembly and final product testing are independently conducted by Vancouver Coastal Health (VCH), McMaster University and private lab partners.

### CAN99™ Surgical Respirator Additional Information

<b>Filtration-PFE</b>	> 99%
<b>Blood Penetration Resistance</b>	≤ 160 mmHg
<b>Item Package Quantity</b>	25pc/box
<b>Production Capacity</b>	4M Respirators per Month (initial)
<b>Standards</b>	NIOSH TEB-APR-STP-0059, NIOSH RCT-APR-STP-0005-05a-06, rev3.0., ISO10993 ASTM F2101, ASTM F1862, 16CFR Part 1610

# CAN99™ Certification



## CAN99™ Standards and NIOSH

NIOSH is not currently certifying respirators made outside of the United States during the COVID-19 pandemic. In response to this, Health Canada has developed a Canadian guideline for certifying Canadian-Made respirators which meets and exceeds NIOSH standards by implementing fit-testing. Below is the comparison between NIOSH (N95) standards and CAN99™.

Respirator Certification/Class	N95	CAN99™
Filter Performance @ 85L/min	≥95%	≥99%
Filter Performance Average Human Breathing (@ 8L/min)	-	≥99%
Testing Agent	NaCl	NaCl
Inhalation Resistance - Max Pressure Drop	≤343 Pa	≤343 Pa
Exhalation Resistance - Max Pressure Drop	≤245 Pa	≤245 Pa
Exhalation Valve Leakage	Leak Rate < 30 mL/min	Leak Rate ≤30 mL/min
Force Applied	-245 Pa	-245 Pa



# VITACORE

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