

# FIT TESTING N95s

CHOOSE THE  
RIGHT INSTRUMENT



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## WHAT'S THE DIFFERENCE? N95s vs. FULL AND HALF-FACE RESPIRATORS

### Full-face/Half-face

- + Plastic body, high-rated cartridge filter, Elastomeric sealing surfaces
- + **Particle Leakage occurs primarily at sealing surface**

### N95

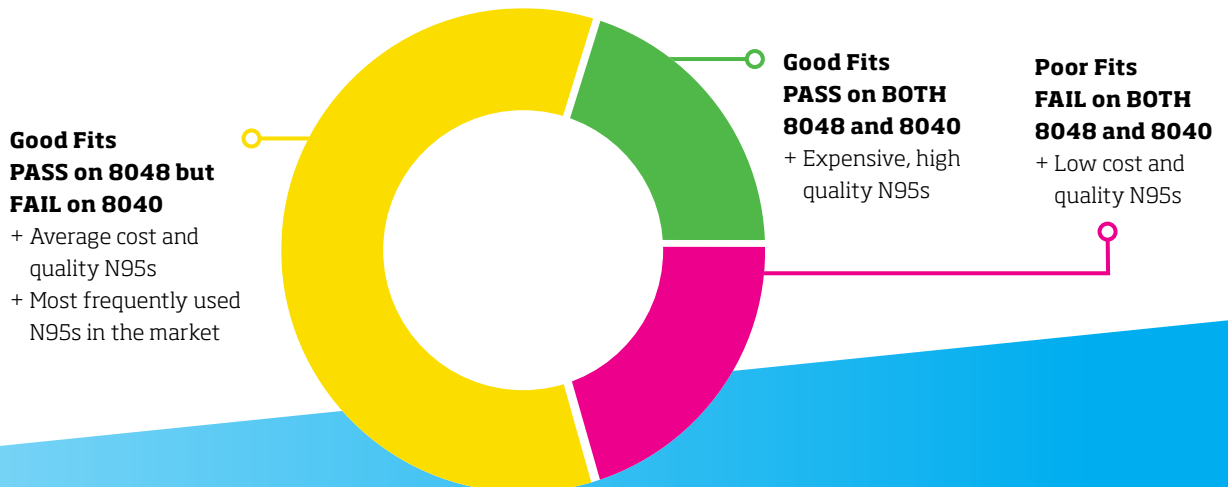
- + Disposable masks with non-elastomeric sealing surfaces
- + **Particle Leakage is at sealing surface and via filter media penetration**

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## SIDE-BY-SIDE COMPARISON FIT TESTING N95s ON TWO INSTRUMENTS

Among a sample of 10 of the most widely used N95s, a high proportion of good fitting N95s failed unnecessarily on instruments without DMA (Differential Mobility Analyzer) technology.

DMA technology ("N95-Companion") disregards particles that penetrate N95 filters, counting only those present due to seal leakage. This method yields the most accurate N95 fit test results.



WITHOUT THE DMA,  
GOOD FITTING N95s FAIL  
FIT TESTS ON THE 8040

- + The **8048** comes **standard with the DMA**
- + The **8040** is only suited for fit testing **full- and half-face respirators** (which do not require the DMA)
- + **8040s are upgradeable** to include DMA

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## WHICH INSTRUMENT SHOULD I CHOOSE?

Type of Mask	Model Suggested	How a PortaCount® can benefit your N95 Fit Test Program
Use only N95s	8048	<ul style="list-style-type: none"><li>+ Eliminate high fit test failure rates on N95s</li><li>+ Save money in sourcing multiple makes/models N95s</li><li>+ Save time and money on unnecessary repeats of N95 fit tests</li></ul>
Use both N95s along with full- and half-face respirators		<ul style="list-style-type: none"><li>+ Eliminate uncertainty in safety provided to employees</li><li>+ Fit test any respirator - full/half-face masks to N95s</li></ul>
Use only full- and half-face respirators	8040	<ul style="list-style-type: none"><li>+ If needed, upgrade to the 8048 for only the cost of an upgrade</li></ul>

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