
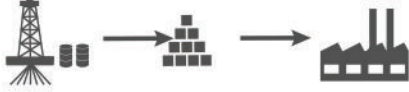








Needle Counters Environmental Impact Product Comparison



	Bio-based	Plastic
Production	<p>Needle counter box: 100% renewable bio-based material* Reduces CO₂e by 25-50%¹ 89-95% plastic reduction by weight¹ Free of intentionally added BPA or BPA derived plastics, mercury, phthalates, and PVC.¹ PFAS-free*</p> 	<p>Requires greater amount of petroleum (a non-renewable resource), energy and chemicals in production At least 148 chemicals are present in plastic or used in manufacturing and have been identified as highly hazardous to human health and the environment²</p> 
Use & Disposal	<p>Designed with clinical function and features of standard plastic needle counter; with bio-based box replacing plastic box Disposed in Sharps container per hospital's protocol One ton of plastic is eliminated for every 22,000 of the 40, 60 & 80 count and 45,000 of the 20 & 30 count</p> 	<p>Traditional features of standard needle counter; with plastic box Disposed in Sharps container per hospital's protocol Globally, annual use of plastics in healthcare was recently estimated at 15 million tons.³</p> 
End of Life	<p>Reduces plastic waste of needle counter box by 95%³ Bio-based material can biodegrade; rate dependent on disposal conditions</p> 	<p>Plastic and associated toxins end up in our air, farmland, groundwater, and oceans, leading to negative impacts on all human health⁴ Plastics are projected to outpace coal by 2030 as a major source in driving climate change.⁵</p> 

¹When compared to a similar leading product made with plastic. *Validated by third-party testing. **NGS SCBI calculator ²<https://www.plasticpollutioncoalition.org>
³<https://iuk.ktn-uk.org> ⁴ <https://www.unep.org> ⁵EE News and GreenWire

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