

Design for sustainability (DfS) scorecard

With our DfS scorecard, we drive sustainability improvement during the product development process through multiple product sustainability criteria divided into seven impact areas.



Milliflex® Rapid 2.0 Detection Tower

Rapid microbial detection system: New generation, lighter, more efficient and more convenient



Impact areas



MATERIALS

Results

38% mass reduction (3.5kg not including avoided computer) from baseline thanks to new integrated design merging two systems into one while downsizing the components



SUPPLIERS & MANUFACTURING

Main supplier participates in Together for Sustainability and has a silver Ecovadis rating as of 2023



PACKAGING

80% packaging mass reduction (5kg) and 60% reduction of packaging to product weight ratio thanks to more compact equipment
Detection tower protective film is made from 100% recycled low-density polyethylene (LDPE)



ENERGY & EMISSIONS

10% energy consumption reduction during a workday thanks to the more energy efficient standby mode
Lighter system limiting the impact associated with transportation



WATER

No change compared to baseline product in consideration of our DfS criteria



USABILITY & INNOVATION

Compatible with any computer, avoiding the need to buy a dedicated computer for this product
New features for data protection added to this product to make it compatible with the latest version of 21 CFR pt.11 regulation



CIRCULAR ECONOMY

System software fully upgradable to adapt to future capabilities without having to replace equipment
Cable connection failure in baseline solved by merging two instruments together

Baseline product: Milliflex® Rapid Detection Tower