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.

IPAK Meta® polishing cartridge for pure water

Reengineered cartridge with optimized resin mix, packaging and end-of-life management

Impact areas	Results
MATERIALS	Optimization of resin mix to better ensure 12-month cartridge lifetime when using pure feed water leading to a 5% increase of the weight of the polishing kit (an IPAK Meta® cartridge being always used with a IPAK Quanta® cartridge) but to an overall decrease of the overall consumption of polishing cartridges throughout system lifetime
SUPPLIERS & MANUFACTURING	More than 99% of the product's upstream supply chain and manufacturing are covered by suppliers (Tier 1) who participate in the Together for Sustainability initiative with a valid assessment
PACKAGING	30% packaging weight and 35% packaging volume reduction thanks to new protective insert design Corrugated box and protective insert with sustainable forestry certification
ENERGY & EMISSIONS	No change compared to baseline product in consideration of our DfS criteria
WATER	No change compared to baseline product in consideration of our DfS criteria
USABILITY & INNOVATION	Easy and quick cartridge replacement thanks to unique patented twist and lock technology
CIRCULAR ECONOMY	Implementation of a drain cap enables to purge about 68% of the water from the polishing cartridge, representing about 24% of the cartridge's total weight prior to disposal

Baseline product: IPAKMETA1 – IPAK Meta® polishing cartridge