



**SORTEX® A
GlowVision™.**

Specially designed
for rPET
applications.

SORTEX A GlowVision. 4-in-1 PET sorting solution.



As a 4-in-1 sorting solution for bottle-to-bottle and food applications, the SORTEX A GlowVision™ has been designed for superior color and polymer sorting, foreign material removal and loose labels reduction.

Exceptional accept quality

With a custom-built inspection system designed specifically for PET sorting, the SORTEX A GlowVision™ can remove the most challenging of defects, including polymers for an exceptional accept quality.

Yield & bagging capacity

The artificial intelligence driven SORTEX A sorter with proprietary software is now available with our new GlowVision™ technology to help processors to achieve the best possible yield while maintaining required product specifications and ensuring minimum downtime.

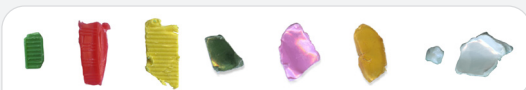
Simultaneous resort capability

The SORTEX A GlowVision comes with a simultaneous resort function to ensure the highest ever reject concentration when used with the resort channel.

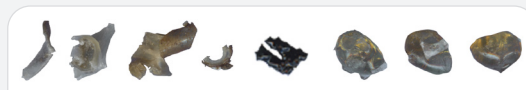
Standard Sortex Monitoring System Subscription powered by Bühler Insights

At-a-glance dashboard continuously monitors data directly from the SORTEX A GlowVision, providing relevant KPI's such as yield, throughput and defect trends, and tailored to meet the requirements of all internal stakeholders. Real-time alarms notify operators to avoid wastage and downtime.

4-in-1 sorting solution for clear & light blue PET streams



Superior color sorting: Opaque and transparent colors



Polymer sorting: Polyvinyl chloride (PVC), polystyrene (PS), polyamide (PA) and polycarbonate (PC)



Foreign material removal: metals, wood, etc.



Loose labels reduction

Key features at a glance.

Automated background

Background adjusts as light levels vary delivering consistent operation

High capacity

Available with up to five chutes for flexible sorting configuration

Advanced inspection system

Ultimate detection of all known defects and foreign material for the most complex sorting applications

SmartEject™ technology

Fires precisely at the whole object to ensure efficient removal

Simultaneous re-sorting

Maximizes recovery of good product by achieving the highest reject concentration

Broadband LED

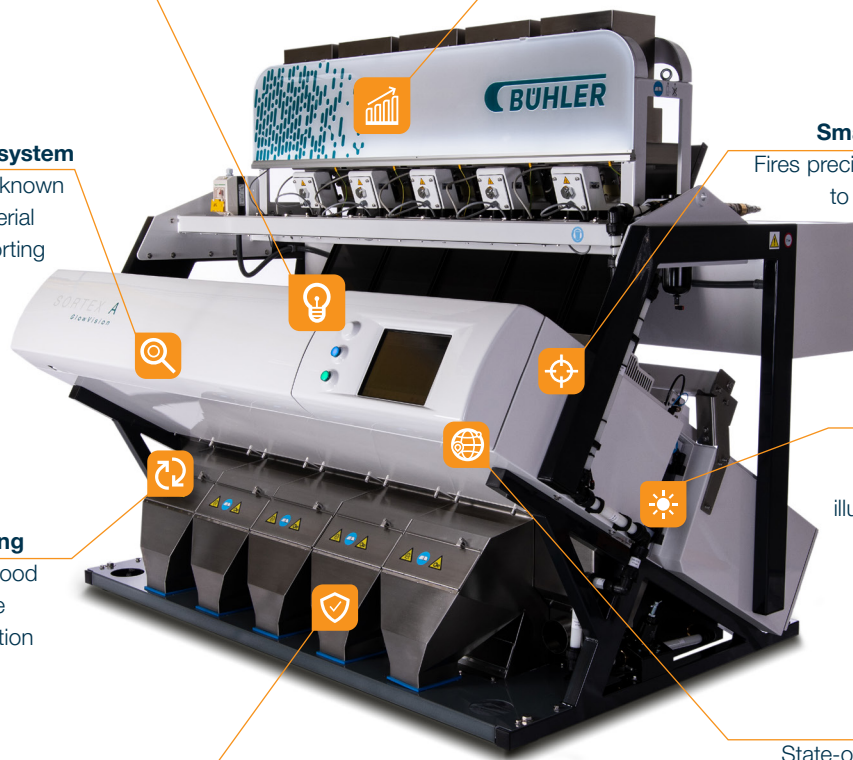
Flexible solid state LED lighting that improves illumination and enhances defect recognition

Sealed optical & control cabinets

Rated up to IP5X to protect against dust ingress maintaining a stable and reliable operation in dusty environments

Digital solutions

State-of-the-art digital solutions powered by Bühler Insights drive gains in performance, productivity, and efficiency. Ensure maximum uptime, avoid product wastage, and spot quality issues using actionable insights and real-time alarms.



Technical Details.

Module	Width mm	Depth (doors shut) mm	Height mm	Weight kg	Typical air requirement (L/s)* 72-102 psi (5-7bar)	Typical power consumption (kW)** 220v, 50/60 Hz single phase
3 modules	2387	1708	2088	1064	25	2.8
4 modules				1107	32	3.2
5 modules				1150	40	3.6

*Unpacked weight. Figures will vary based on machine specifications.

**Figures will vary based on contamination levels. **Figures will vary based on machine specifications.

The Bühler Advantage.

Bühler is locally relevant, but globally leveraged. With almost 100 service stations and application centers in all key regions around the world, our customers have access to qualified engineers and original spare part warehouses as and when they need them. Our expert Sales and Service Engineers are on hand to ensure plant and equipment availability and project execution.

Bühler UK Limited

20 Atlantis Avenue

London E16 2BF

United Kingdom

T +44 (0)20 7055 7777

F +44 (0)20 7055 7700

sortesales@buhlergroup.com

buhlergroup.com/optical-sorting