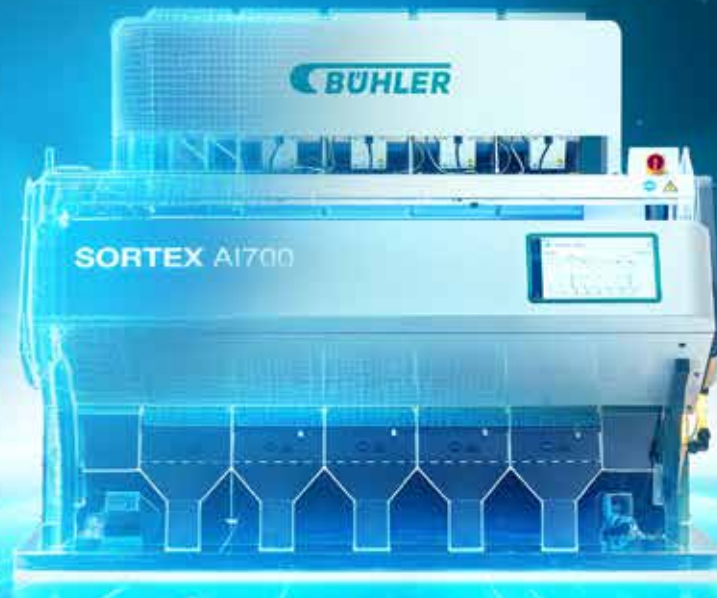


STEP INTO THE **NEW AGE** OF OPTICAL SORTING WITH **BÜHLER**

SORTEX AI700



Innovations for a **better world.**

BÜHLER



Unlock the power of deep learning

SORTEX AI700 is serious about your product quality. Trained on millions of images and designed for the hardest challenges, SORTEX AI700 unlocks powerful sorting algorithms, removing defects at an unprecedented level while increasing yield, giving your business greater flexibility and more profit.



Plug-and-play, simplicity for immediate performance

Experience a better and easier way to sort, the future of sorting is here. SORTEX AI700 is designed for immediate impact. No complex setup or training required. Simply switch on and start sorting.



Real-time insights, optimized profits

Stay informed, stay ahead. SORTEX AI700 provides real-time performance monitoring and detailed defect analysis. Gain valuable insights to optimize your sorting process and perform at maximum capacity and for maximum profit.



The SORTEX AI700 presents a significant jump in optical sorting technology. Harnessing the power of neural networks, we have been able to achieve levels of defect rejection not previously possible in the industry.

This technology can help processors to achieve higher food safety, yields, and profits, with easy operation that works straight out of the box.



Melvyn Penna, Product Manager | SORTEX AI700

Introducing SORTEX AI700, a revolution in sorting performance and food safety

Built for processors who want an advantage in defect removal, ease-of-use, and performance. SORTEX AI700 cross-references with millions of labelled imaging, ensuring no defect goes undetected, and relentlessly removes impurities from the food process line for more quality and more profit.

Launching in Oats, the SORTEX AI700 uses deep learning to achieve +50% yield on the highest performing traditional sorters. With our supreme new defect detection, the SORTEX AI700 is the doorway to higher profits.

| Variants | Full color cameras | High intensity LED lighting | AI Sorting modes | Climate control | Remote access | CE UKCA certification | NRTL | ATEX / Hazloc | Bühler Insights connectivity | SORTEX TotalCare | Available modules |
|----------|--------------------|-----------------------------|------------------|-----------------|---------------|-----------------------|--------|---------------|------------------------------|------------------|-------------------|
| AI700 | Standard | Standard | Standard | Standard | Option | Standard | Option | Option | Option | Option | 1 to 7 |

| AI700 technical details | Weight (kg) | Width (mm) | Depth door open (mm) | Depth door shut (mm) | Height mm | Typical air measurements (L/s)* | Max power consumption | Typical power consumption |
|-------------------------|-------------|------------|----------------------|----------------------|--------------|---------------------------------|-----------------------|---------------------------|
| AI700 1 | 550 | 1085 | 2323 | 1776 | 2010 to 2088 | 4 | 1.7kW | 0.9kW |
| AI700 2 | 930 | 1820 | 2323 | 1776 | 2010 to 2088 | 8 | 3.0kW | 1.5kW |
| AI700 3 | 970 | 1820 | 2323 | 1776 | 2010 to 2088 | 12 | 3.2kW | 1.6kW |
| AI700 4 | 1250 | 2422 | 2323 | 1776 | 2010 to 2088 | 16 | 4.7kW | 2.3kW |
| AI700 5 | 1300 | 2422 | 2323 | 1776 | 2010 to 2088 | 20 | 4.8kW | 2.4kW |
| AI700 6 | 1640 | 3062 | 2323 | 1776 | 2010 to 2088 | 24 | 7.1kW | 3.5kW |
| AI700 7 | 1680 | 3062 | 2323 | 1776 | 2010 to 2088 | 32 | 7.2kW | 3.6kW |



We do whatever it takes to scale intelligence to make food safer.

SORTEX AI7000



Find out more today about how we can
improve your process purity and profits

Bühler AG

5 Gupfenstrasse
CH-9240 Uzwil, Switzerland
T +41 71 955 11 11
F +41 71 955 31 49

sortex@buhlergroup.com
www.buhlergroup.com

BSOL Brochure AI700 en 0425 Z&B 252173

BÜHLER