

REDWAVE[®]

REDWAVE NIR - G

Sorting machine for waste glass processing
Separation of plastics, paper and metals



www.redwave.com

REDWAVE NIR - G

REDWAVE NIR - G units are highly efficient sorting machines for waste glass processing. The high resolution Near Infrared („NIR“) Spectral Imaging Sensor identifies plastics and paper in the mixed glass material stream. Solenoid air valves and nozzles divert these contaminants into the reject chute.

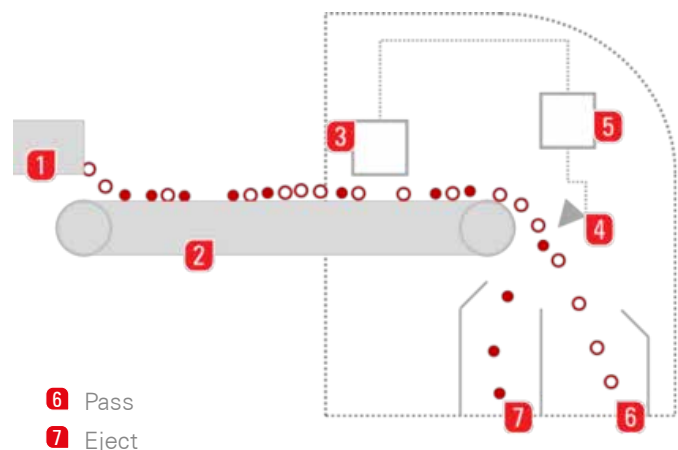
The NIR - G can be installed upfront of the optical sorting process to pre-clean and significantly improve the material before ceramics removal and color sorting.

| Technical specification | REDWAVE NIR - G |
|-------------------------|--|
| Working width | 1000 and 2000 mm |
| Sensor technology | High resolution Near Infrared („NIR“) Spectroscopy |
| Light source | High power multispectral halogen light |
| Eject valves | 96 or 192 high efficient solenoid valves |
| Sortable material size | 8 to 50 mm |
| Capacity | up to 10 t/h at 1000 mm sorting width |

Advantages:

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- High capacity, high quality and high yield sorting
- Reliable and user friendly operation
- Low maintenance requirements



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|-------------------------------|-----------------------------|----------------|
| 1 Feeder | 4 Valves and nozzles | 6 Pass |
| 2 Conveyor belt | 5 Processing unit | 7 Eject |
| 3 Near Infrared sensor | | |

REDWAVE, a



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