

PREMIER

iQUBE™

The ALL New Comprehensive Contamination Sorter

Highlights

- Best-in-Class for ALL Plastics
- Comprehensive Detection of various types of PP, including White and Transparent Strings
- Cutting Edge Technology based on Multi Spectrum Detection Analysis (MSDA)
- Direct connectivity with Final Beater of all Blow Room lines with less space requirement
- Lower Lint Loss



iQ
intelligent QUALITY

iQUBE™

Technical Data *

Contaminations Detected

- All Plastics including Coloured / Transparent / White PolyPropylene Strings, Sheets, Films etc,
- Paper, Fabric, Feather, Jute bits etc,

Position of iQUBE

- At the end of the Blow Room line directly connected to, viz. Flexiclen, Supremoclean (LMW), Uniflex, A79R (Rieter), CVT or CLC, CL-U (Truetzschler) and Fine Opener (Crosrol) or equivalent other makes in Blow Room
- Input duct: 1200 x 80 mm

Key Technology

- Multi Spectrum Detection Technology

Power Supply

- Single Phase 1.3 KW Consumption (for machine electronics)
- Three Phase 0.75 KW Consumption (for evacuation motor)

Configuration

- Production rate up to 1500 kg/h
- Material velocity up to 20 m/sec
- Auto correction for tuft speed variations

Material Ejection

- Pneumatic ejection and Automatic removal of Ejected Material

Output Parameters

- Ejections : Shift wise and Mix wise
- Alarm for exceptions

Calibration

- Automatic and Manual Calibration

Ambient Conditions

- Relative humidity : 40 to 65%
- Temperature : 5° to 55°c

Compressed Air Requirement

- Approx 3.3 m³/hr at 6 to 8 kg/cm²

* Subject to change without notice



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