Quadro® Comil®

U5 Scalable Lab Model

Scalable Size Reduction and Dispersion

Scalable
• totally scalable for capacity and granulometry

Low Heat and Dust
• savings in containment/collection devices
• environmentally friendly

Optimum Particle Distribution
• tight particle granulometry
• low fines, dust and overs

User-Friendly Design
• quick screen change and removable housing
• spacerless design
• easy-clean
• variable speed with RPM display
• low maintenance
• light and compact

Versatility
• wide selection of screens and impellers
• adaptable to Glove Box installations and small in-line applications
• suitable for CIP, autoclave or steam-in-place
• customized solutions for all applications

Patented Worldwide Technology

Meets or Exceeds Regulatory Standards Including:

CE
OSHA
Ex
**Dimensions**

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* Tri-clamp outlet.

**Operating Data**

- **Power**: 0.5 hp, 375 W
- **Capacity**
  - Contact: 425 lb/hr, 195 kg/hr
  - Non Contact: 220 lb/hr, 100 kg/hr
- **Voltage**: 110V/220V, 1PH, 50/60 Hz
- **Standard Impeller Speed**: 3450 rpm
- **Impeller Speed Range (Non Ex)**: 2,000-8,500 rpm
  - (Ex): 1,750-4,000 rpm
- **Impeller/Screen Gap**: Minimum distance - no adjustment required

* Capacity based on tests with granular salt with 3 mm screen. Contact your local Representative or Quadro for product testing.

**Construction**

- **Material**: Contact: AISI 316L, 1.4435/1.4404
  - Non Contact: AISI 304
- **Surface Finish**: Contact: Mirror finish
  - Non Contact: 150 grit Ra
- **Bearings**: FNA Yibon
- **Seals**: FDA compliant
- **Weld Seams**: Ground flush and polished
- **Net Weight**
  - Non Ex (lbs): 69
  - (kg): 31.5
  - Ex (lbs): 65
  - (kg): 29.5

**Models**

- **Capacity**
  - Contact: 1X, 2X, 10X, 20X
  - Non Contact: 3450, 2400, 1400, 900

Contact Quadro for larger production models up to 120,000 lbs/hr (54,500 kg/hr).

**Tooling**

- **Polish**
  - Impellers: 150 grit (Ra 0.05 micron) Mirror polish optional
  - Screens: 150 grit (Ra 0.05 micron) 220 grit EP optional

**Type/Size**

- **Impellers**: Round/square/bevelled arc options
- **screens**: Round Hole Diameter 0.005-0.250" (0.1-6.4 mm)
  - Greater Hole Diameter 0.049-0.250" (1.2-6.4 mm)
  - Square Hole Diameter 0.156-0.375" (4-9.5 mm)