

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:



QUADRO

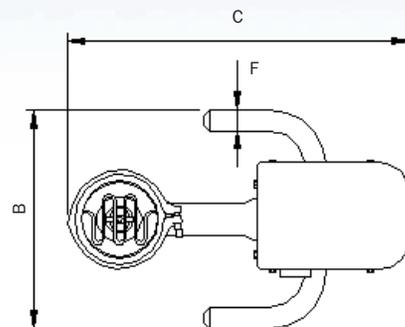
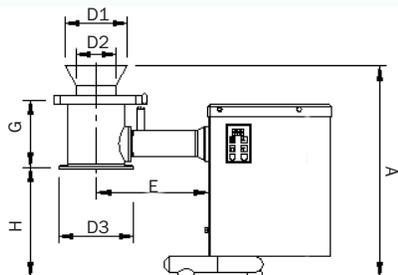
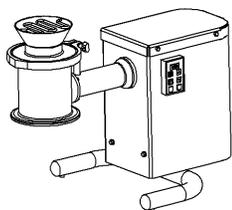
Leading Process Equipment Innovation

A Southbridge Company

www.quadro.com

QUADRO® COMIL®

DIMENSIONS



		A	B	C	D1	D2	D3	E	F	G	H
Non-Ex	inches	21.8	15.5	25.4	6.4	3.25	6*	9.8	1.5	6	10.8
	mm	554	394	645	163	83	152*	249	38	152	273
Ex	inches	21.8	18	25.4	6.4	3.25	6*	9.8	1.5	6	10.8
	mm	554	457	645	163	83	152*	249	38	152	273

* Tri-clamp outlet.

OPERATING DATA

Power	0.5 Hp	375 W
Capacity*	up to 425 lbs/hr	up to 195 kg/hr
Voltage	110V/220V, 1PH, 50/60 Hz	
Standard Impeller Speed	3450 RPM	
Impeller Speed Range	(Non-Ex)	1000-6500 RPM
	(Ex)	1725-4000 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

	Contact	Non-Contact
Material	AISI 316L	AISI 304
	1.4435/1.4404	1.4301/1.4305
Surface Finish	Mirror	150 grit Ra
	Ra 0.10 Micron	Ra 1.06 Micron
O-rings	FDA Viton	
Seals	FDA Compliant	
Weld Seams	Ground Flush & Polished	
Net Weight	Non-Ex (lbs)	60
	(kg)	27
	Ex (lbs)	65
	(kg)	29.5

SCALE-UP TO PRODUCTION MODELS

Models	U5	U10	U20	U30
Capacity	1X	2X	10X	20X
Standard Impeller RPM	3450	2400	1400	900

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

TOOLING

	Polish	Type/Size
Impellers	150 Grit (Ra 1.06 Micron) Mirror Optional	Round/Square/Bevelled Arm Options
Screens	150 Grit (Ra 1.06 Micron) 220 Grit, EP Optional	Round Hole Diameter 0.009"-0.250" (0.2 mm - 6.3 mm) Grater Hole Diameter 0.040"-0.250" (1 mm - 6.3 mm) Square Hole Diameter 0.156"-0.375" (4 mm - 9.5 mm)

LOCAL REPRESENTATIVE



QUADRO

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