

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:

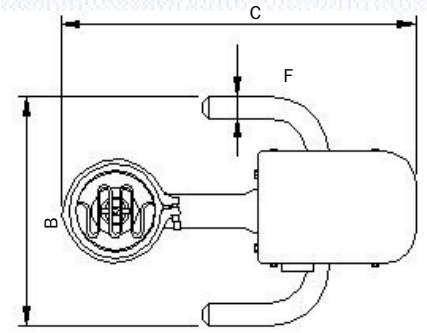
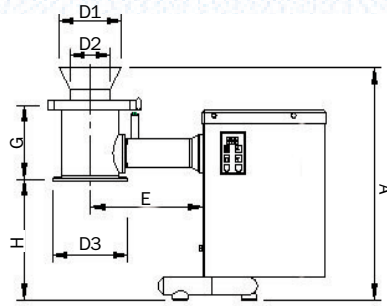
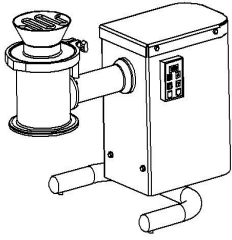


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www.quadro.com

QUADRO® COMIL®



DIMENSIONS

		A	B	C	D1	D2	D3	E	F	G	H
Non Ex	inches	20.3	15.5	26.3	5.5	3.25	6*	9.8	1.5	6	10.8
	mm	515	394	669	140	82.6	152*	249	38	152	273
Ex	inches	20.3	17	26.3	5.5	3.25	6*	9.8	1.5	5	10.8
	mm	515	432	669	140	82.6	152*	249	38	152	273

* Triclamp outlet

OPERATING DATA

Power	0.5 Hp	375 W
Capacity*	up to 425 lb/hr	up to 195 kg/hr
Voltage	110V/220V, 1PH, 50/60 Hz	
Standard Impeller Speed	3450 rpm	
Impeller Speed Range (Non Ex)	1,000-6,500 rpm	
(Ex)	1,725-4,000 rpm	
Impeller/Screen Gap	Minimum distance - No adjustment required	

* Capacity based on tests with granular salt with 3 mm screen. Consult 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 and 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

Consult Quadro for larger production models up to 120,000 lb/hr (54,500 kg/hr)

TOOLING

	Polish	Type/Size
Impellers	Mirror (Ra 0.10 micron)	Round/square/bevelled arm options
Screens	150 grit (Ra 1.06 micron)	Round Hole Diameter 0.009"-0.250" (0.2 mm - 6.3 mm)
	Finish upgrades available	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



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