

MPT PHARMA PROCESSING

SLS - Scalable Lab System

SCALABLE LAB SYSTEM (SLS)

- Ability to alternate between five milling solutions in seconds
- Utilizes *Smart-Detect*, a unique lab equipment feature that automatically ensures the appropriate scalable speed range is fixed by recognizing the head being installed
- PSD and capacity scalable with simple operating parameters transfer from small sample R&D tests, to full-scale production machines
- Suitable for dry milling and/or wet material conditioning, as stand-alone or to complement lab-scale wet granulation systems
- Process samples as small as 5 grams with minimal loss or product retention, or as large as +100 kg/hr for certain products & models
- 95%+ product recovery



QUADRO® COMIL® U5 AND U5 HIGH-EFFICIENCY

- In-line, spacerless design
- Tight particle granulometry
- Wide range of scalable screens/impellers
- Low heat, fines, dust and overs



SPECIFICATIONS		COMIL® U5
CAPACITIES		50 g to 150+ kg/hr
RPM		up to 6500
MOTOR		¾ HP (0.5kW)
PSDs	d50	150-300 µm
	d90	300-2000+ µm

FITZMILL L1A

- Same process advantages of larger scale FitzMill comminutors – fully scalable
- Available metered feed system (VFS) for complete process repeatability



SPECIFICATIONS		FITZMILL L1A
CAPACITIES		5 g to 50+ kg/hr
RPM		up to 15000
MOTOR		¾ HP (0.5kW)
PSDs	d50	20-300 µm
	d90	60-2000 µm

QUADRO® FLEXSIFT S5

- In-line security screener
- High capacity (typical 500 kg/hr)
- Standard deagglomeration spoiler arm



SPECIFICATIONS		FLEXSIFT S5
CAPACITIES		<125-2500+ kg/hr
RPM		up to 3500
MOTOR		¾ HP (0.5kW)
MESH SIZE	min	150 µm (100 mesh)
	max	6.4 mm (0.25")

QUADRO® H5 HIGH ENERGY COMIL®

- Primarily APIs, fine chemical and cosmetic applications
- Narrow PSDs with 30-70% more on-target
- Integrated feed system for optimized containment and predictability



SPECIFICATIONS		COMIL® H5
CAPACITIES		<1 kg to 100 kg/hr
RPM		up to 12800
MOTOR		¾ HP (0.5kW)
PSDs	d50	20-150 µm
	d90	60-300 µm