

Laboratory Tablet Coating Center

The CSI Technicota LAB has been designed and developed to meet the requirements of our customers, who want the flexibility of coating small quantities of tablets.

The system is designed to be fully self-contained requiring only power and compressed air. The LAB utilizes many technological advances to achieve the standalone operation.

Quality:

All contact parts are manufactured in 316L Stainless steel, or FDA approved materials. Inspected at every stage to ISO9001 standard.



Typical Use

The unit is ideal for the development of coating process, but also for marketing and colour matching purposes.

Batch sizes for drum coating are from 4kg* down to 400g*, then a unique option allows you to quickly convert the system to a Wurster Column and coat batches down to 40g*. All in the same machine! (*Batch sizes are product specific)



Total Control

- **Consistency** - each LAB system offers accurate control of all parameters, giving repeatability to the process
- **Ease of use** - the simple approach offered by the control makes it extremely operator friendly
- **Adaptability** - the system can operate a variable number of drums or convert for Wurster Column use and very small batches.

Maintenance

Maintenance is kept to a minimum:

- All operator parts are quick release
- Push-in connectors eliminate the need for special tools
- Rapid strip-down and re-assembly saves time between batches
- Conversion of drum or Column is simple and quick
- All parts can be ultrasonically cleaned
- All wetted parts are 316 stainless steel and are therefore easily cleaned



Technicota specification:

Spray Nozzle		CSI
Size of Spray Nozzles	mm	0.8 or 1.2
Atomisation Control	bar	0.5 to 3
Compressed Air Pressure (supply)	bar	5.0
Compressed Air Consumption	Litres/min	120
Electrical requirements (3 phase)	kW	6
	Volt	400
Pump Type		Peristaltic
Pump Manufacturer		Watson Marlow
Pump Model		313
Tube size wall	mm	2.4
Tube size bore (standard)	mm	(3.2) 4.8
Dimensions (Width x Depth x Height)	m	1.2 x 0.6 x 1.6
Air flow	m3/hr	220
Drum Speed	rpm	4 to 24
Filtration Inlet and Exhaust (Additional pre filter on exhaust for ease of dust collection)		F8 & HEPA

Features:

