

AWL Continuous Carousel Filter Range–Model Comparisons

Unit	Carousel Details				Wetted Parts			Mechanical Details		Options			
	Number of Ports	Typical Slurry Throughput (litres per hour) ¹	Typical Solids Output (kilograms per hour)	Working volume of each port (millilitres)	Polypropylene / PTFE / PEEK / FEP / FFKM	Borosilicate Glass / Stainless Steel 316L PTFE / PEEK / FEP / FFKM	Borosilicate Glass / C22 & C276 Alloy PTFE / PEEK / FEP FFKM	Unit Dimensions (mm) (width x depth x height) (approx) ²	Weight (approx.)	ATEX compliant version	Nitrogen Blanketing	Regional Voltage Compatibility	Alternative materials of construction
CCF 20 Evaluator	5	1.5 – 3.0	0.3 – 0.6	30	✓	✗	✗	910mm x 505mm x 1330mm	65kg	✗	●	✓	●
CCF 50	5	15 – 30	3.0 – 6.0	400	✓	✗	✗	1600mm x 1400mm x 2400mm	750kg	●	●	✓	●
CCFD 50	10	15 – 30	3.0 – 6.0	400	✓	✗	✗	1600mm x 1400mm x 2400mm	750kg	●	●	✓	●
CCFD 20 Pharmavision	10	2.5 – 5.0	0.5 – 1.0	60	✗	✓	●	1600mm x 1400mm x 2400mm	750kg	✗	●	✓	●
CCFD 50 Pharmavision	10	15 – 30	3.0 – 6.0	360	✗	✓	●	1600mm x 1400mm x 2400mm	750kg	✗	●	✓	●

KEY: ✓ Standard ● Optional ✗ Not Available

- Throughputs are dependent on chemistry (solids loading, particle size, cake porosity etc.). These figures are for information only
- Dimensions are for the footprint of the machine an allowance of 100mm on the width and depth should be allowed for connection of services

Unit	Functions								Software Features							Operating Modes	
	Auto-transfer in from external process vessel	Wash Dispense System	Second Wash Dispense System	Heated Nitrogen / Air Drying	Filtrate and Drying Receivers	Auto-drain of receivers	Filtrate / Wash sampling vessels	Simple strip down for manual cleaning	Adjustable filtration and washing parameters	Dryland detection	Auto wash volume based on measured cake volume	Auto data population, recall, presentation and logging	Auto wash in place during automatic filtration	Automated end of day cleaning routine	DCS control via OPC server	Optimisation mode – process one cake at a time	Production mode – for maximum throughput
CCF 20 Evaluator	✓	✓	●	✗	✓	✗	✗	✓	✓	✗	✗	✗	✓	✓	●	✗	✓
CCF 50	✓	✓	✓	✗	✓	✓	✗	✓	✓	✗	✗	✓	✓	✓	●	✗	✓
CCFD 50	✓	✓	✓	✓	✓	✓	✗	✓	✓	✗	✗	✓	✓	✓	●	✗	✓
CCFD 20 Pharmavision	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	●	✓	✓
CCFD 50 Pharmavision	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	●	✓	✓

KEY: ✓ Standard ● Optional ✗ Not Available