



Product	High (Turbo) or Low (Rotary) pumped vacuum		Capable of achieving vacuum			Sputtering metal types		Coating types			Carbon - SEM, TEM films		Glow discharge	Chamber diameter	Max. specimen diameter	Typical applications	Summary
	Rotary	Turbo	2 x 10 <sup>-3</sup>	5 x 10 <sup>-5</sup>	1 x 10 <sup>-6</sup>	Non-oxidising	Oxidising	Sputtering	Carbon	Metal Evaporation	SEM	TEM					
SC7620	✓					✓					✓		✓	100mm	75mm	W-SEM	Basic entry level, manual operation
Q150R S Plus	✓		✓			✓		✓					option	150mm	100mm	W-SEM	Rotary pumped coaters for W-SEM for specimens up to 100mm diameter
Q150R E Plus	✓		✓						✓		✓			150mm	100mm	W-SEM	
Q150R ES Plus	✓		✓			✓		✓	✓		✓		option	150mm	100mm	W-SEM	
Q150T S Plus		✓	✓	✓		✓	✓	✓					option	150mm	100mm	W-SEM, FE-SEM	Turbo pumped coaters for WE-SEM and FE-SEM, for specimens up to 100mm diameter
Q150T E Plus		✓	✓	✓					✓	option	✓			150mm	100mm	W-SEM, FE-SEM	
Q150T ES Plus		✓	✓	✓		✓	✓	✓	✓	option	✓		option	150mm	100mm	W-SEM, FE-SEM	
Q150V S Plus		✓	✓	✓	✓	✓	✓	✓					option	150mm	100mm	FE-SEM	Turbo pumped high-vacuum coaters for FE-SEM and TEM Grids, for specimens up to 100mm diameter
Q150V E Plus		✓	✓	✓	✓				✓	option	✓	✓		150mm	100mm	FE-SEM and Carbon TEM Grids	
Q150V ES Plus		✓	✓	✓	✓	✓	✓	✓	✓	option	✓	✓	option	150mm	100mm	FE-SEM and Carbon TEM Grids	
Q300TT Plus		✓	✓	✓		✓	✓	✓						300mm	200mm	W-SEM, FE-SEM	As the Q150T S Plus, but with capability to take larger specimens
Q300TD Plus		✓	✓	✓		✓	✓	✓						300mm	100mm (option to 150mm)	W-SEM, FE-SEM and thin film	Dual head coater for multi-layer coating applications of two metals
Q150GB		✓	✓	✓		✓	✓	✓	✓	option	✓		option	150mm	100mm	W-SEM, FE-SEM	Glove box coater based on Q150T ES Plus

If you are not sure which coating system suits your application's requirements please don't hesitate to contact us or your local distributor for advice.