



Edwards Spectron 600

Technical Specifications

Specifications	600T & 600D
Time to test	
600T	< 8 s
600D	< 6 s
Sensitivity	
Direct 6×10^{-11} mbar ls ⁻¹	
Reverse, 600T	6×10^{-10} mbar ls ⁻¹
Reverse, 600D	6×10^{-9} mbar ls ⁻¹
Response time	
Direct	<2
Reverse	<41
Leak range	
Standard	10^{-4} mbar ls ⁻¹ to 6×10^{-11} mbar ls ⁻¹
With external pump	10 mbar ls ⁻¹ to 6×10^{-11} mbar ls ⁻¹
Resolution (resolving power)	14 at mass 41
Maximum inlet pressure	
Gross pump	Near atmosphere with external roughing
Intermediate	0.96 mbar
Fine	0.33 mbar
Roughing pump	
600T	$1.5 \text{ ft}^3 \text{ min}^{-1}$ 2-stage rotary vane pump
600D	$16 \text{ ft}^3 \text{ min}^{-1}$ dual stage diaphragm/ molecular drag pump
Secondary pump	60 ls^{-1} turbomolecular pump
Size (H x W x D)	381 x 521 x 356 mm
Weight	
600T	38.6 kg
600D	43.6 kg
Electrical supply	115V 60 Hz 10 A or 230/240V 50Hz 5 A