



Edwards TIC-100W, TIC-200W

Technical Specifications

	TIC TURBO CONTROLLER INSTRUMENTS 100 W RS232	TIC TURBO INSTRUMENTS CONTROLLER 200 W RS232
Mains input		
Electrical supply	90 to 264 V a.c. 47 to 63 Hz	
Power consumption (max)	215 VA	350 VA
Peak inrush current	10.3 A @ 110 V a.c. 23.0 A @ 230 V a.c.	
Fuse	TIC is self-protecting and has no user replaceable fuse. The unit will recover when the overload is removed	
Earth stud	M4	

Auxiliary terminals		
Air cooling fan	24 V d.c. 3 W max, ACX70, ACX75 & ACX250H	
Vent Valve	24 V d.c. 2 W max, TAV5 & TAV6	
Interface cables	Use cables as specified in 'ordering information'	
Dimensions		
Electronics housing	110 mm high x 105 mm wide x 245 mm deep	
Front panel	106 mm wide x 128 mm high	
Weight		
TIC Turbo controller 100 W RS232	2.75 kg	
TIC Turbo controller 200 W RS232	3.5 kg	
Operating temperature	+0 ° to +40 °C	
Storage temperature	-30 ° to +70 °C	
Maximum ambient operating humidity	90% RH non-condensing at 40 °C	
Maximum operating altitude	3000 m	
Electronic design	EN 61010-1	
Electromagnetic compatibility	EN 61326 (Industrial Location, Class B Emissions)	
Enclosure rating	IP20	

TURBO PUMP OPTIONS	TURBO PUMP 24 V	
	100 W	200 W
EXT75DX	Fast	Fast
EXT70H & EXDC80	Fast	Fast
EXT255H & EXDC80*	Slow	Slow
EXT255H & EXDC160	N/A	Fast

* Ramp speed is limited by the use of the EXDC80.





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Edwards TIC-100W, TIC-200W Features & Benefits

- clear, easy to use graphical user interface
- full remote control & data logging functions via computer program
- automatically recognizes & supports (1) 24V EXT turbo pump
- rack or bench mounted
- simple system configuration
- compact design

