

Product Specifications

Brand: Jaden

Name: High speed air turbine handpiece

Model: SD-801 M4 J (45 degree handpiece)

No.	Item	Technical parameters & performance indicators	Remark
1	Appearance description	Integrated head, copper body	
2	Head size	45 degree head, sizeΦ10.2×13.2	
3	Bearing	Ceramic bearings	
4	Internal structure	The wind wheel assembly is an open type	
5	Water	3-holes water spray	
6	Health system	Anti suction back system	
7	Chuck type	Push button	The chucking force of the fixture on the needles during operation is $\geq 28\text{N}$
8	Tail design	Four-hole fixed connector	With waterway anti-suck back function to prevent cross-infection
9	Air pressure	0.22-0.25MPa	
10	Air consumption	30-36L/min	
11	Cartridge balance	$\leq 150\mu\text{g}$	
12	Radial runout	$\leq 0.01\text{ mm}$	
13	Rotational speed	310,000-400,000rpm/min	
14	Cutting force	Radial $\geq 1.1\text{Kg}$ Axia $\geq 2.0\text{Kg}$	
15	Noise	$\leq 55\text{dB}$	
16	Other	When the water pressure is 200kpa, the cooling water flow rate is $> 50\text{mL/min}$	
17	135°C Autoclavable		
18	Warranty 9 months		

