

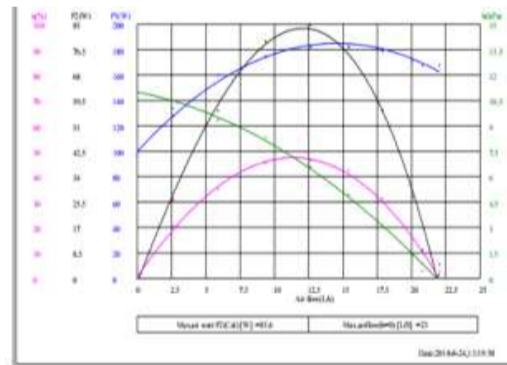
**空气性能测试系统** Air Performance Test System

**产品概述:**

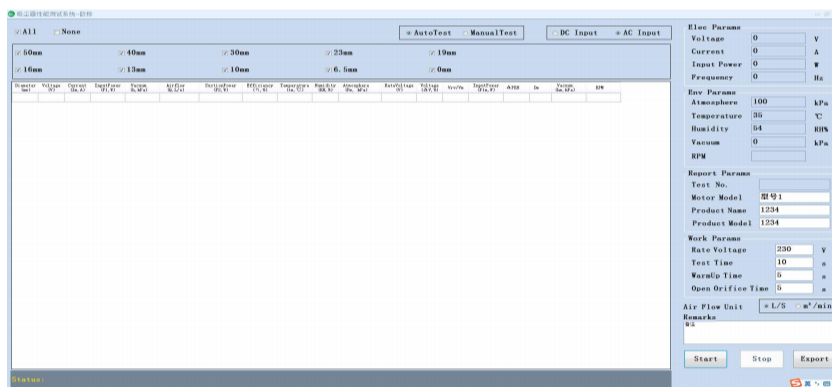
根据流体力学伯努利原理，利用流经喷嘴前后的压差计算气流的速度，气流速度乘以喷嘴的截面积即可求得风量。试验中利用辅助风机和调节挡板来改变风量测出各风量下的静压，并通过计算机数据处理最终得到风机的各空气性能曲线。

Air Performance Characteristics of Vacuum Cleaners

Model	Sample No.	Test Method							
Rate voltage, V	21.6	Class							
Frequency, Hz	50	Atmosphere, kPa							
Test time(s)	10	Warm-up time(s)							
		0							
		Open orifice size(s)							
		5							
Orifice size, mm	Voltage, V	Current, A	Input power, W	Vacuum, kPa	Air flow, L/s	Section power, W	Efficiency, %	Temperature, °C	Humidity, %
50	21.6	7.68	168.0	0.25	23.02	4.67	2.9	25.3	53.0
40	21.6	7.65	167.5	0.46	20.79	9.58	3.7	25.5	52.8
30	21.6	7.79	170.9	1.38	20.05	27.19	13.9	25.5	52.3
23	21.6	8.16	178.8	3.14	17.89	38.16	13.4	25.3	51.9
19	21.6	8.31	182.1	5.00	15.41	57.53	42.6	25.3	52.0
16	21.6	8.52	182.5	6.73	12.61	84.87	46.5	25.3	54.4
13	21.6	7.98	175.1	8.58	9.54	79.36	45.3	25.3	55.3
10	21.6	7.27	160.1	9.56	5.88	56.18	35.1	25.4	55.5
8.5	21.7	5.86	128.2	10.19	2.60	38.40	30.6	25.4	56.9
0	21.8	4.46	97.0	11.39	0.00	0	0.0	25.5	57.4
MAX	21.8	8.52	182.5	11.39	22.02	84.87	46.5	25.5	57.4



报告及输出曲线



操作界面



吸尘器空气性能测试台