

## SVF-20

# Miniature Dry Floating Scroll Vacuum Pump

- Patent protected Floating Scroll Technology.
- 100% oil free .
- Maintenance free.
- Compact size ideal for portable equipment.

### Applications

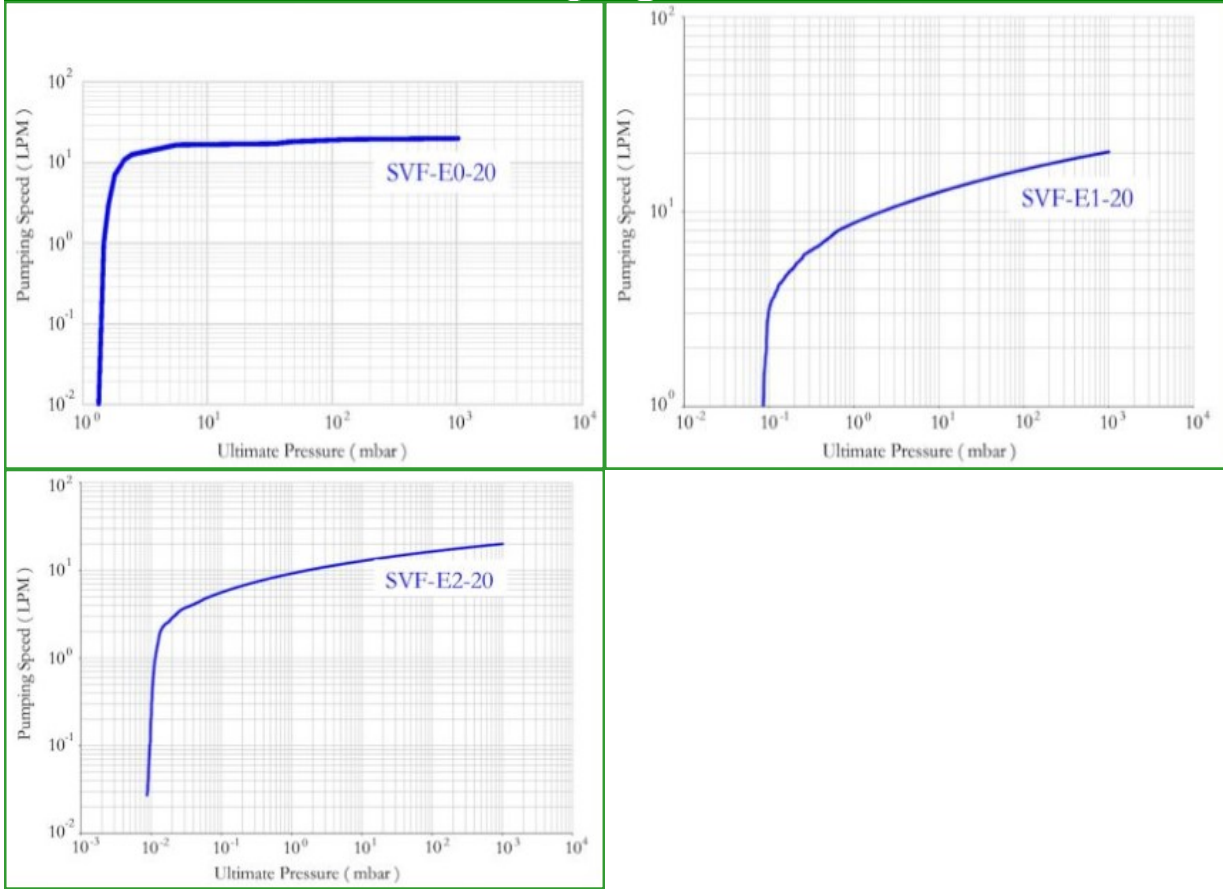
Analytical instrumentation , laboratories , backing pump for turbo pumps , practically in all areas in which clean vacuum is needed .



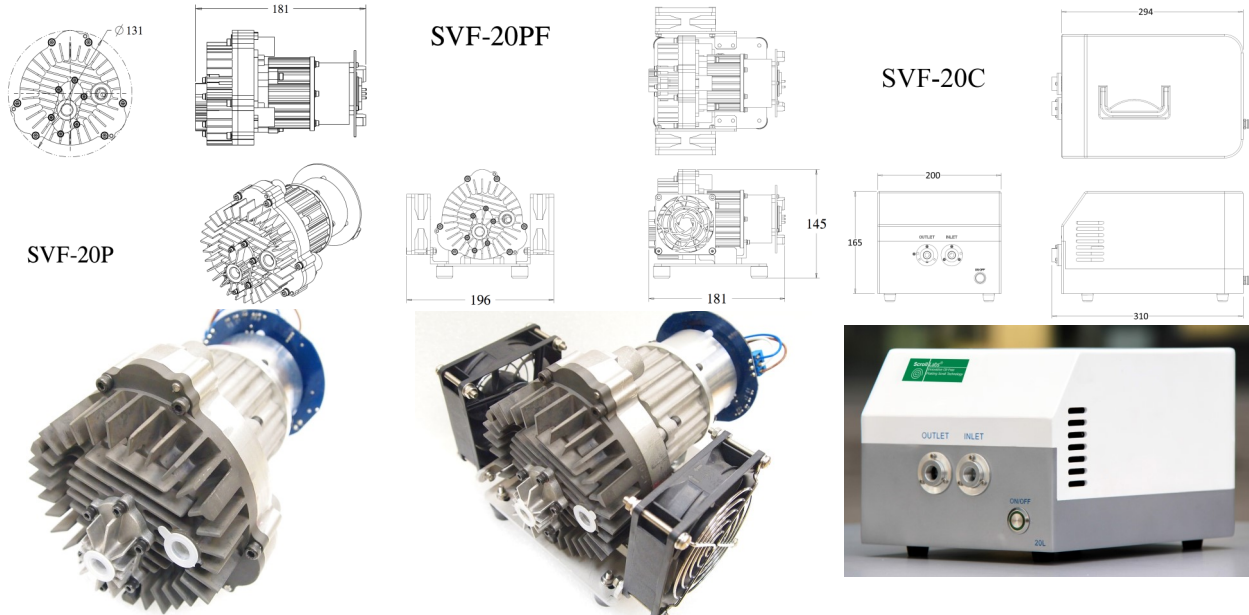
## Technical Data

Model	SVF-E0-20	SVF-E1-20	SVF-E2-20
Pump Speed	20 L/min	20 L/min	20 L/min
Ultimate Pressure	≤ 1 mbar (100 Pa)	≤ 0.1 mbar (10 Pa)	≤ 0.01 mbar (1 Pa)
Power	70 W	70W	70W
Motor Type	Brushless DC Motor	Brushless DC Motor	Brushless DC Motor
DC Voltage	24 VDC	24 VDC	24 VDC
AC Voltage (with adapter)	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC
Maximum Speed	4500 RPM	4500 RPM	4500 RPM
Vapor Tolerance	Unlimited	Unlimited	Unlimited
Maximum Inlet Speed	Unlimited	Unlimited	Unlimited
Maximum Outlet Speed	1 barg	1 barg	1 barg
Noise Level (OEM)	60 dB(A)	60 dB(A)	60 dB(A)
Noise Level (With Base)	55 dB(A)	55 dB(A)	55 dB(A)
Weight (OEM)	2.1 kg	2.1 kg	2.1 kg
Weight (With Base)	4.5 kg	4.5 kg	4.5 kg
Dimensions (OEM)	184×132×132mm	184×132×132mm	184×132×132mm
Dimensions (With Base)	294×200×165mm	294×200×165mm	294×200×165mm
Inlet/Outlet Connection	G 1/4"	G 1/4"	G 1/4"
Cooling System	Air - Cooled	Air - Cooled	Air - Cooled
Ambient Temperature	-40 °C to 50°C	-40°Cto 50°C	-40°C to 50°C

## Pumping Curve



## Dimensions (mm)& Product Image



**Scroll Labs<sup>®</sup>**  
Innovative Oil-Free  
Floating Scroll Technology

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