

NEW

OIL FREE SCROLL COMPRESSOR

CLASS
ISO
8573-1

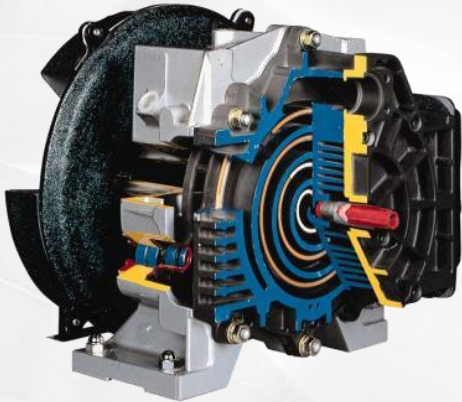
**CLASS ZERO
OILFREE**

TRIP HISTORY

00	110101	00:07	Main PWR ON	UP
01	11			
02	11			
03	11			
04	11			
05	11			
06	11			
07	11			

ALARM STATUS

DATE: 12Y12M10D 10:00
CONTENT:
Pressure Fail Rem
PRES. : 0.61 Mpa

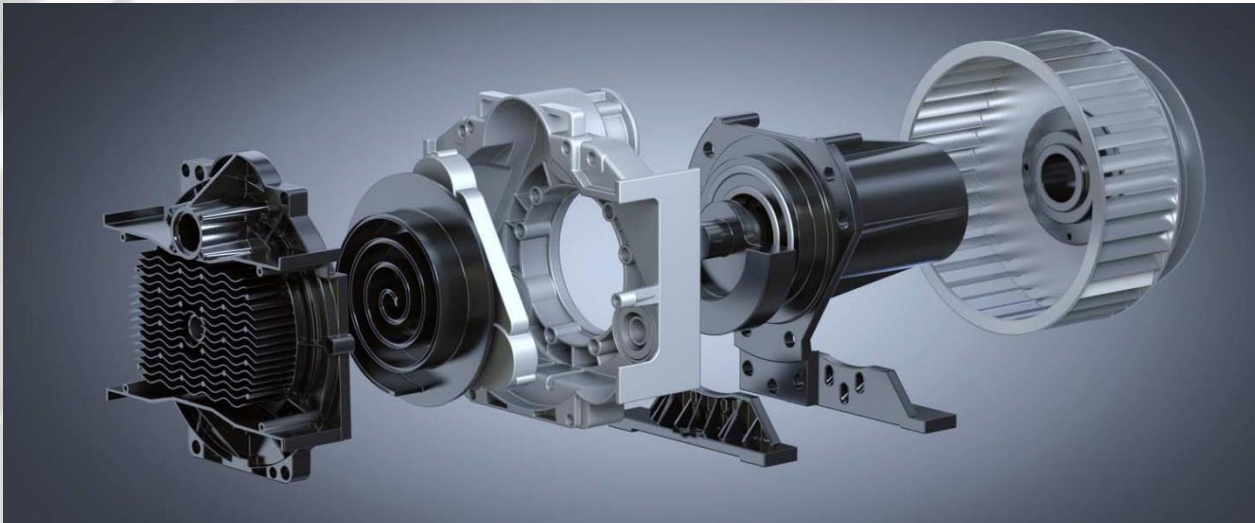


**NEW
ENCLOSURE
MEDICAL
COMPRESSOR**

Quality

●Our factories are certified by BSI to ISO 13485 (medical).

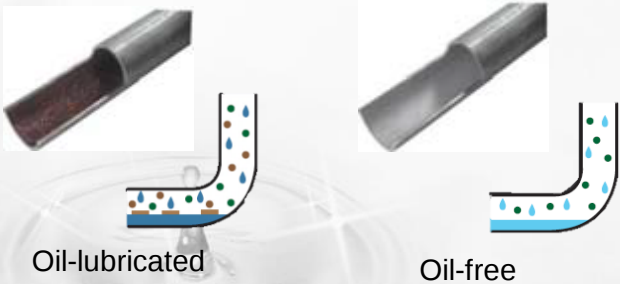
Feature



●Class Zero Certification
TÜV (independent third party test house) has just certified that the air quality from our oil free compressors is in conformity with "Class 0(ISO8573-1:2010[-:-:0])".



●Clean
Air from oil-lubricated compressors contains oil and can contaminate the piping. This does not happen with an Oil-Free Scroll Compressor which produces high-quality oil-free air.



●What is Class zero?
ISO8573-1(JIS B8392-1) defines quality classes for compressed air. Class Zero indicates wall flow oil, oil mist and oil vapor are completely absent. As oil vapor in particular cannot be absorbed by conventional air filters, it is important factors that require clean air use Class Zero compressors.

Class	Oil Concentration
	[mg/m3]
0	As specified by the equipment user or supplier and more stringent than class 1.
1	≦ 0.01
2	≦ 0.1
3	≦ 1
4	≦ 5

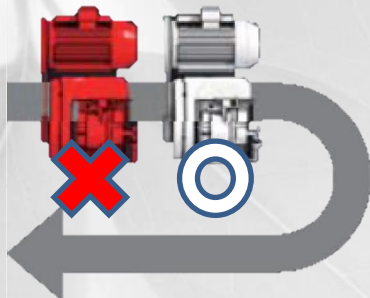


Scroll compressor Air-end

Feature

●Risk-adverse compressor

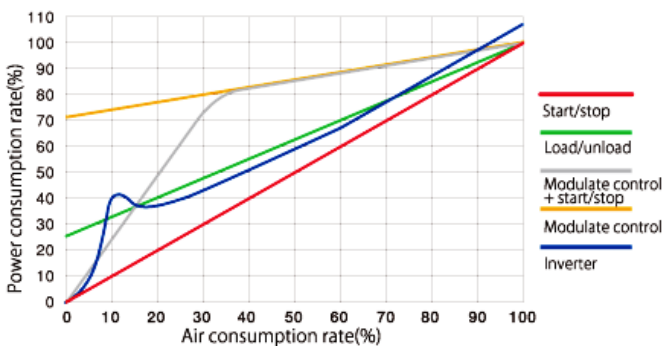
If one compressor fails, the other multiple compressors mounted in the system start backup operation, preventing the supply of compressed air from being interrupted.



●High energy-saving

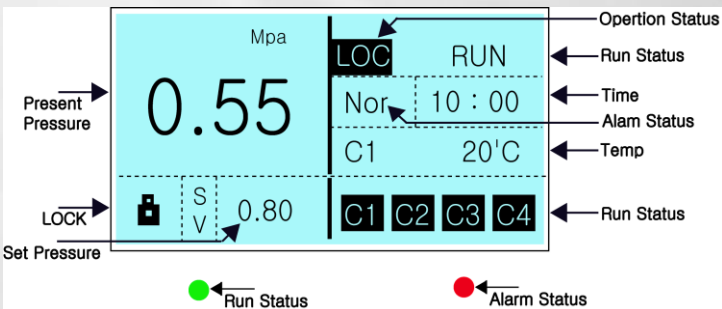
When air consumption fluctuates, the control method of the compressor makes a big difference. Our scroll compressors minimize power consumption to offer huge energy savings.

Differences in power consumption rate by control method



●LCD Display

This compressor is using NEW LCD display. That has various function buttons, simple operation is possible and abnormal alarms can be easily checked.



●Alarm history

You can check the details of the abnormal part on the LCD display. and, can save alarm history 40 - 60 data.

TRIP HISTORY					
00	110101	00:07	Main PWR ON	UP	
01	110101	00:07	Run	DN	
02	110101	00:08	Stop	Esc.	
03	110101	00:10	COMP#01Trip	Ent.	
04	110101	00:11	Run		
05	110101	00:12	Stop		
06	110101	00:20	COMP#01Trip		
07	110101	00:50	Main PWR ON		

TRIP LOG VIEW	
>01 121210	10:00
-RUN	
>02 121210	10:01
-COMP02 Trip X	
>03 121210	10:02
-Main PWR ON	

ALARM STATUS	
DATE: 12Y12M10D	10:00
CONTENT:	
Pressure Fail Rem	
PRES. : 0.61 Mpa	

●Big after-cooler

Big after-cooler is loaded. It can reduce the discharge temperature of the compressor.

●Emergency stop button

All lineups have an emergency stop button installed.

●Input and Output signals

All lineups support remote operation. And able to issue alarm signal and running signal.

●RS485

This compressor can communicate with the outside by RS485.
※10HP to 40HP

Specification

Model	Out put	Working prssure MPa	Total capacity	Air receiver tank capacity	Communications
			L/min(SCFM)	L(Gallon)	
SLMPA-02	2 HP(1.5 kW)	0.65-0.8	165 (5.8)	20 (5.3)	Contact signal output
SLMPA-03	3 HP(2.2 kW)		250 (8.8)		
SLMPA-05	5 HP(4 kW)		410 (14.5)		
SLMPA-10	10 HP(8 kW)		835 (29.5)	None	Contact signal output and MODBUS(RS-485)
SLMPA-15	15 HP(12 kW)		1,225 (43.3)		
SLMPA-20	20 HP(16 kW)		1,670 (59.0)		
SLMPA-30	30 HP(24 kW)	0.6-0.7	2,700 (95.3)		
SLMPA-40	40 HP(32 kW)		3,600 (127.1)		
SLMPA-02H	2 HP(1.5 kW)	0.8-1.0	130 (4.6)	20 (5.3)	Contact signal output
SLMPA-03H	3 HP(2.2 kW)		215 (7.6)		
SLMPA-05H	5 HP(4 kW)		345 (12.2)		
SLMPA-10H	10 HP(8 kW)		690 (24.4)	None	Contact signal output and MODBUS(RS-485)
SLMPA-15H	15 HP(12 kW)		1,035 (36.6)		
SLMPA-20H	20 HP(16 kW)		1,380 (48.7)		
SLMPA-30H	30 HP(24 kW)		2,070 (73.1)		
SLMPA-40H	40 HP(32 kW)		2,760 (97.5)		

Note : Capacity is discharged air volume converted into atmospheric pressure.
Contact to us for guaranteed value.