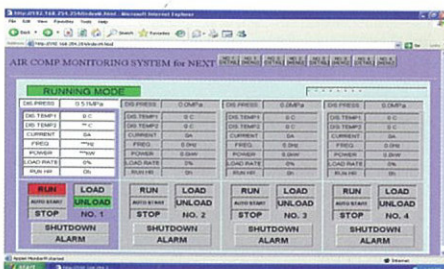


Remote Monitoring System Oriented for Air Compressor (COSMOS II)

Without installing special software, it is possible to real-time monitor the operating condition of the air compressor via Web from the existing PC in the office. This will contribute to the labor-saving and energy-saving of facility management. Further, as COS-200N for NEXT series, it is possible to control the Start/Stop and pressure setting by installing the attached software.



Remote Monitoring System COSMOS II



Content of Data Monitor

Possible to monitor the operation data such as pressure, temperature, and load rate, particular alarm/trouble, and notification of maintenance via communication. (1-4 units)

Item	Applicable Compressor Model	HISCREW NEXT Series	HISCREW 2000HG Series
Model		COS-200N	COS-200H
Interface		RS485 (25Pin) — LAN (10baseT)	
Transmission Speed		9600bps	
Communication System		Semi-Duplex	Full Duplex
Synchronization System		Start-Stop Synchronous	
Isolation		None	
Number of Unit Monitored		4 Units (monitor timing : 10s)	
Transmission Format		Start Bit: 1, Data Bit: 7, Parity: Even, Stop Bit: 1	
Dimension/Weight		90×60×23mm / 200g	
Operating Environment		Temperature : 0-40°C, Humidity : 30-80%	
Power Supply		AC100V (AC Adapter 12V 0.9A)	
LAN Protocol		TCP/IP	
RS-485 Cable Length		250m	
Connector		D-sub25pin Female (RS485), RJ-45(10/100baseT)	

- * It is necessary to modify the compressor for communication function. The applicable range of models is scheduled to be enlarged.
- * This system indicates COSMOS II unit ONLY. It is necessary to carry out wiring work separately.
- * It is NOT applicable for models other than compressors of NEXT series and 2000 series.
- * For PC used as monitor, OS of Windows® 2000 or XP or later version together with IE6.0 or later version are necessary.
- * Since this unit collects real-time data in a short time, the function may get slower due to the condition of compressors monitored.
- * By installing the dedicated software attached on the PC, it is possible to set the Start/Stop and pressure by remote control. (COS-200N)

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