

Concerning the hydraulic pressure source display monitor

► Description

The status of the hydraulic pressure source and the procedure for recovering from an error.

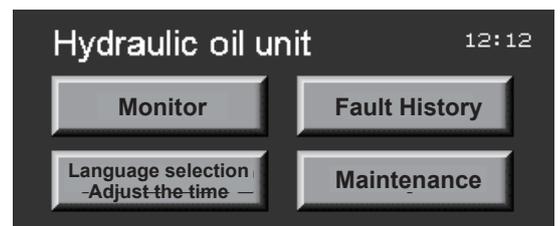
Description	The hydraulic pressure source is used as part of the slip table of vibration test system and in hydraulic bearing shakers, and is responsible for supplying oil. You can check the status of the hydraulic power source on the display monitor and the procedure for checking the status and recovery in the event of an abnormality.
Target series	i-series/J-series /K-series/A-series/EM-series



The monitor is a touch panel and can be operated intuitively.

• Top screen

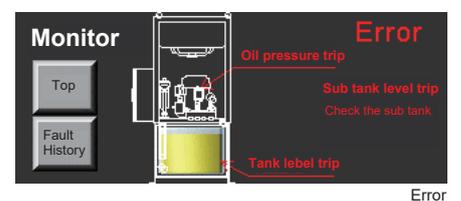
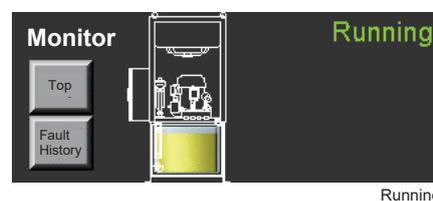
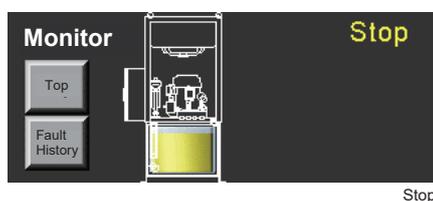
When the hydraulic pressure source is activated, the opening screen appears, and after about 6 seconds, it changes to the top screen.



Monitor...The status of the equipment can be checked
 Fault History...Check the history of faults (errors)
 Language selection/Adjust the time...Set the time and language
 Maintenance...Used for maintenance
 *Customers may not use this feature.

• Monitoring screen

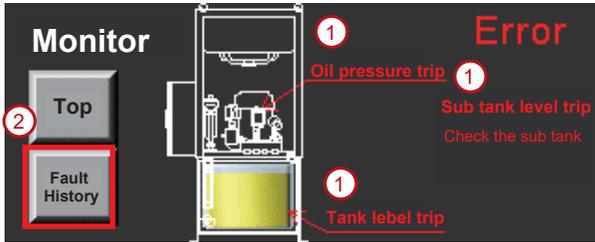
On the monitoring screen, you can check the following three states.



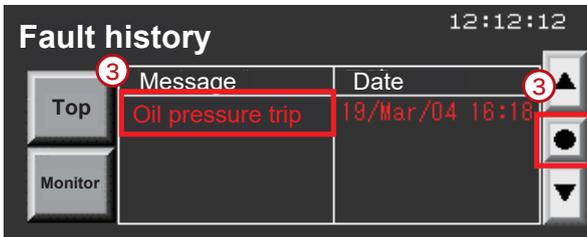


• Recovery procedure in the event of an abnormality (error)

1. When an abnormality occurs, the location of the abnormality is displayed on the monitoring screen.
(Oil pressure trip/Tank level trip/Sub tank level trip).
2. Touch History.



3. To access the error history, navigate to the fault message column and touch the black circle located in the middle of the scroll bar.
4. The contents of the error and the methods of recovery are displayed.



Abnormal content	Check details	Cause
Oil pressure trip	Ensure that the hydraulic pump is working and check for any oil leaks in the hydraulic source or vibration generator.	Drop in oil pressure
Tank level trip	Check the oil level in the tank and check for oil leaks in the hydraulic source and vibrator.	Insufficient oil in hydraulic unit
Sub tank level trip	Check if the return pump is working.	Excessive oil in sub tank
Water pressure trip (Water-cooled hydraulic power supply only)	Check the primary water pressure. Check whether the cooling tower has started and whether the valve is open or closed.	Decrease in water volume on primary side

• Language selection/Adjust time

You can set the time and language by selecting “Language selection/Adjust time” on the top screen.

*The language can be switched by pressing and holding English or Japanese for 2 seconds.



If the problem cannot be resolved, the vibration test system may be faulty.
Please contact the IMV Service Centre.



Inquiries