



TECHNICAL GUIDE

VIDEO SYSTEM CENTER
VIDEO SYSTEM CENTER Type A

CV-170

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3-18 Color bar and switching 50% white

- Standard
 - Color bar image can be displayed on the monitor
 - There is no noise on color bar images
 - It can show 50% white images on the monitor
 - There is no noise on 50% white images
- Inspection procedure
 1. Turn off CV-170, and remove the video scope (ENF-VH).
 2. Turn ON CV-170.
 3. A color bar will be displayed on the monitor screen. Check visually that there is no noise on it.
 4. Press "MENU" key on the keyboard, select "[+] Advanced MENU" and press "Enter" key.
 5. Select "[+] Monitor check screen" and press "Enter" key.
 6. Select "50% white" and press "Enter" key.
 7. It will show 50% white on the monitor screen. Check visually that there is no noise on it.
 8. Press "MENU" key on the keyboard to return to color bar display.

3-19 Airflow pressure

*This inspection is not need for the SP model.

- Standard
 - Pressing airflow button will not cause any airflow when the scope is not connected
 - Rock pressure when the airflow regulator is configured as "HIGH": No greater than 53.9kPa
 - When the airflow regulator is configured as "HIGH" and the airflow is 26.5kPa-27.5kPa: Equal to or greater than 1L/min
 - When the airflow regulator is configured as "LOW" and the airflow is 21.6kPa-22.6kPa: Greater than 0.68L/min
 - There is no backward flow on flow amount
 - There is no abnormal noise from the CV-170
- Inspection procedure
 1. Press airflow button on CV-170 and check the no airflow.
 2. Insert the air checker in the CLV-170 output connector. Air checker (NJ2304)
 3. Press airflow button on CV-170 and configured the airflow "HIGH".
 4. Turn clockwise the flow-adjusting bulb of airflow inspection tool, and shut the flow-adjusting bulb.
 5. Check to see that the rock pressure is 53.9 kPa or less.
 6. Turn counterclockwise the flow-adjusting bulb of airflow inspection tool, configure the airflow pressure to "26.5 - 27.5 kPa" and check to see that the flow is 1.0 L/min or more.
 7. Press airflow button on CV-170 and configure the airflow "LOW".
 8. Turn counterclockwise the flow-adjusting bulb of airflow inspection tool, configure the airflow pressure to "21.6 - 22.6 kPa" and check to see that the flow is 0.68 L/min or more.
 9. Check that the airflow becomes weaker by the order of airflow setting "HIGH" to "LOW"
 10. Press airflow button on CV-170 and stop the airflow.
 11. Remove the airflow inspection tool from the output connector on CV-170.