

Product Bulletin

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Date: January 16, 2013

RE: Endoscope channel monitoring in MEDIVATORS® Advantage® Automated Endoscope Reprocessors

One feature of Advantage AERs is the capability to monitor endoscope channels for blockage and proper connection of the endoscope hookup.

Monitoring of the connection of the hookup to each endoscope channel in Advantage AERs is achieved by pressurizing the individual channels one at a time and then monitoring the rate of pressure decay in each channel. Channel separators provided with the hookup are integral to this process and are used to isolate (or interconnect) channels to increase the resistance to pressure decay to ensure system sensors are able to detect and measure the rate of pressure decay.

In a small number of endoscopes, the combination of channel length, large channel diameter (eg. biopsy and suction channels) and internal channel interconnections, results in pressure decay that is too rapid for the Advantage software to distinguish between this rate of normal decay and a disconnected hookup. In the event that one of the connections to the biopsy or suction channels should become disconnected, flow of reprocessing solutions from the other interconnected channel will continue to ensure that high level disinfection has occurred despite the disconnected fitting.

As noted in the Advantage User Manual, operators should always visually confirm channel connections at the commencement and end of any reprocessing cycle to ensure that connections are intact.

Testing to date of the endoscopes listed below has determined that these models cannot be monitored for connectivity to the biopsy channel. All other channels in these endoscopes are monitored for connectivity.



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Manufacturer	Endoscope Model	Parameter Set
Fujinon	EG-250D5	1-xx-608
Fujinon	EG-450D5	1-xx-608
Fujinon	EG-530D	1-xx-608
Fujinon	EC-250DL5	1-xx-608
Fujinon	EC-450DL5	1-xx-608
Fujinon	EC-530DL	1-xx-608
Olympus	CYF-4	1-xx-197
Olympus	CYF-5	1-xx-197
Olympus	BF-P20D	1-xx-398
Olympus	CF-2T140	1-xx-695
Olympus	CF-2T140L	1-xx-695
Olympus	CF-2T160I	1-xx-695
Olympus	CF-2T160L	1-xx-695
Pentax	EG-3630U	1-xx-799
Storz	PV-TG 2 or 13806 NKS/PKS	1-xx-797
Storz	PV-TC 2 or 13910 NKS/PKS	1-xx-797
Storz	PV-TC 2L or 13911 NKS/PKS	1-xx-797

If you have any questions related to this bulletin, please contact MEDIVATORS Technical Support at 1-800-444-4729 or your local MEDIVATORS Representative