SCOPETECHDF

Built-in Automated Scope Inflation
for Water Immersion Leak Test

Integrated Detergent Pump
Doses the Right Amount and Tracks Detergent Conditions

2 Flushing / Rinsing Ports
With Single or Dual Mode Operation

Cleaning Sequence Control
Promotes Consistent Processing While Recording

Scope Inflation and Cleaning Process Reports
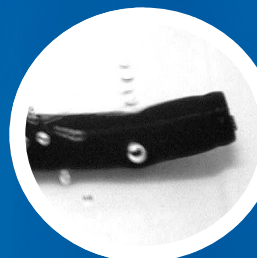*Windows compatible software and Excel reports*

Sequence and Express processing modes
Simple and Easy to Use

Compact, Watertight Cabinet Mounts
Allows for mounting on a wall or counter top

Eliminates Technician Muscle Fatigue
Quiet and Efficient Pumping through Endoscope Channels

4-in-1 Flexible Endoscope Cleaning System
Scope Inflation, Detergent Dosing, Channel Flushing, and Reporting

The new ScopeTech DF is a comprehensive flexible endoscope cleaning system that dramatically improves the speed of endoscope reprocessing while providing step-by-step cleaning process management, cycle validation, and reports.

ScopeTech DF offers an automated, hands-free method for pressurizing your scope for an immersion leak test, 2 flushing ports with pulsating flow technology to remove bioburden, and precision detergent dosing to achieve optimum results with manual cleaning. An optional barcode scanner tracks scope serial number and technician I.D.s to ease documentation and reporting burdens for GI Technicians.

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Operating Modes

Advanced "Sequence" mode requires technicians to input a personal I.D. and endoscope serial number to start the inflation test and cleaning operation. Technicians then step through the timed cleaning sequence following the programmed sequence each and every time.

Basic "Express" mode is for pre-cleaning operations where speed or simplicity of the pre-cleaning operation are preferred or where cleaning of two endoscopes at once is required.

Cycle Validation Reports

On the User Interface
ScopeTech DF reports can be viewed on the user display and provide managers fast and easy insight into scope pre-cleaning activities and performance. Records are sorted by endoscope type/model and serial number.

On your PC
Printable report content saved in ScopeTech DF is retrieved using a USB flash drive then uploaded to the Scope Tech Windows compatible software tool installed on a laptop or desktop PC. Reports provide management validation of the inflation test, channel flushing and detergent dosing operations as well as confirmation of dates, times and technicians responsible for processing. Reports can be exported to Excel for printing or sharing with others.
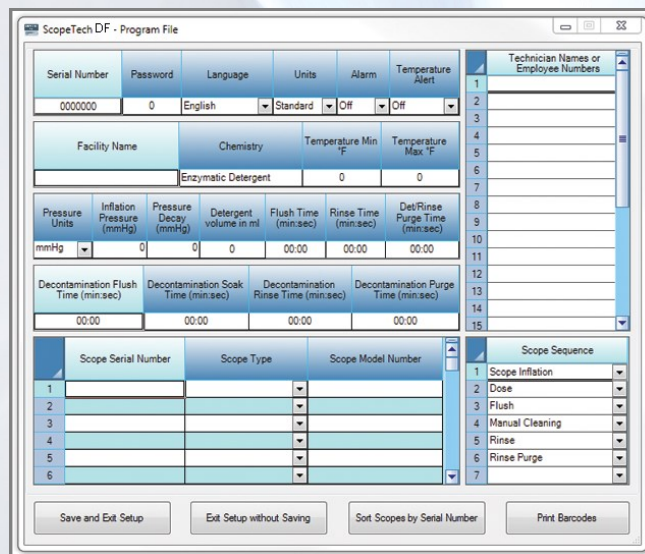
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	Report Created:	Report Dates: (From-To)		Technical I.D.				
	1/1/2013 10:31:08 AM	1/5/2013	3/12/2013		1	JOHN	14	
					2	MARY	15	
					3	JANE	16	
	Serial Number:	0000000			4	AMANDA	17	
	Facility Name:	Hospital			5	BILL	18	
	Chemistry	Detergent			6	STEVE	19	

Summary Report

Total Chemistry Used:	1.29 Gallons			**Technical Productivity**													
				1	2	3	4	5	6	7	8	9	10	11	12	13
		# Scopes Processed by Technician		107	59	0	0	0	0	0	0	0	0	0	0	0
Total Scope Processing Days:	40			14	15	16	17	18	19	20	21	22	23	24	25	
				3	3	3	3	3	3	3	3	3	3	3	3	

Scope #	Scope Serial #	Scope Type	Scope Model Number	Total Cycles Per Scope	Chemistry Used Gallons
1	1234567	Gastroscope	ADG-1D2E	23	0.18
2	7654321	Gastroscope	ZSV-9T8R	25	0.19
3	1357913	Gastroscope	AJB-4E	20	0.15
4	2468024	Colonoscope	KF-92R	22	0.17

Red highlighted cycle errors provide a simple and fast way to identify processing mistakes/issues.

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	Report Created:	Report Dates: (From-To)		Technical I.D.				
	1/1/2013 10:31:08 AM	1/5/2013	3/12/2013		1	JOHN	14	
					2	MARY	15	
					3	JANE	16	
	Serial Number:	0000000			4	AMANDA	17	
	Facility Name:	Hospital			5	BILL	18	
	Chemistry	Detergent			6	STEVE	19	

Cycle Report

Scope #	Scope Serial #	Scope Type	Scope Model #	Technician I.D.	Date	Time	Inflation Test (m:s)	Dose (ml)	Flush Time (m:s)	Flush Volume Gallons	Flush Temp °F	Rinse Time (m:s)	Rinse Volume Gallons	Det/ Rinse Purge Time (m:s)	Total Cycle Time (m:s)	Process Completed (yes/no)	Errors
1	1234567	Gastroscope	ADG-1D2E	6	1/5/2013	1:54 PM	00:38	30.0	00:30	0.97	113.0	3	0.45	00:40	02:18	Yes	
5	7654321	Colonoscope	ZXV-9T8R	3	1/5/2013	2:00 PM	00:10	30.0	00:30	0.95	93.0	00:30	0.39	00:40	02:27	No	Flush Temp Low
2	1357913	Colonoscope	AJB-4E	2	1/5/2013	2:05 PM	00:45	30.0	00:30	0.91	113.0	00:30	0.40	00:40	02:25	Yes	
6	2468024	Colonoscope	ZXV-9T8R	5	1/7/2013	2:17 PM	00:21	30.0	00:30	0.88	105.0	00:30	0.39	00:40	02:01	Yes	
3	3692581	Colonoscope	KF-92R	3	1/7/2013	2:30 PM	00:23	30.0	00:30	0.96	114.0	00:30	0.45	00:40	02:03	Yes	
1	4826048	Gastroscope	GK-56R	4	1/7/2013	3:21 PM	00:57	30.0	00:30	0.95	114.0	00:30	0.40	00:40	02:37	Yes	
1	2911444	Gastroscope	GT-4P3	2	1/9/2013	4:50 PM	01:04	30.0	00:30	0.98	114.0	00:00	0.00	01:20	02:54	No	Incomplete Cycle

Settings

ScopeTech DF settings can be programmed on the user interface or by using the Windows compatible programming/reporting software. Settings are uploaded to the system via a USB flash drive and logged cycle data is retrieved the same way.
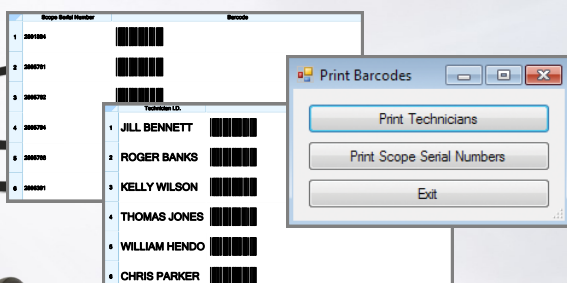

Barcode Scan Functions

Scan technician names and endoscope serial numbers quickly and easily.

PC software automatically generates barcodes for technicians and scopes.

Print barcode pages from PC software and post in a booklet or on the wall above the sink for convenient scanning.

Product Specifications

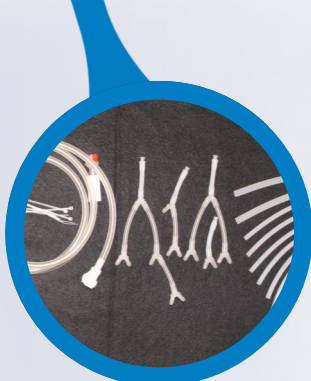| Specification	Description
Cabinet Materials	#304 Stainless Steel, Powder Coated
Dimensions	9 ¾ H x 7 1/8" W x 8 ¾" D 24.76 cm x 18.09 cm x 22.22 cm
Case Rating	IP-55
Flush Pump Flow Rate	.3 GPM (1.13 LPM)
Flush Pump Suction	Maximum suction height = 24"/61 cm
Dosing Pump Flow Rate	10 oz./min (29.6 ml/min.)
Inflation Test Pressure	2.5-3 PSI (.17 - .27 bar)
Power Supply/Voltage	Wall Mount Type, IN: 100-240 Volts AC 0.8A 50-60 Hz, Out: 24 Volts DC 1.25A
Chemical Compatibility-Flush Pump	Industry standard enzymatic and other detergents in diluted form. Do not use Isopropyl Alcohol with the flush pump.
Chemical Compatibility-Dose Pump	Industry standard enzymatic and other detergents.
Flush Tubes/Hook Up's Compatibility	Industry standard enzymatic and other detergents in diluted form. Do not use Isopropyl Alcohol with the flush pump.
Unit Weight	13.3 lbs. (6.06 Kg)
Temperature Sensor	Max temperature = 160° C
Fuse	2 Amp
Approvals	CSAus, CE Standard: CAN/CSA-C22.2 No. 61010-1 UL Std. No. 61010-1 IEC 61010-1
Product Testing	CSA International, Irvine CA

Settings

ScopeTech DF comes with a complete set of endoscope irrigation flushing tube assemblies for Olympus, Pentax, Fujinon and Storz flexible endoscopes.

Inflation Test Kit, Olympus
7117161-0

Inflation Test Kit, Fujinon
7117161-F

Inflation Test Kit, Pentax
7117161-P

Inflation Test Kit, Karl Storz
7117161-S

Product Specifications

Part Number	Description
7260010	ScopeTech DF Flexible Endoscope Cleaning System with barcode scanner, flow meter, temperature sensor, low voltage power supply, international plug adapters, and accessory kit.
7260011	ScopeTech DF Flexible Endoscope Cleaning System without barcode scanner, flow meter, temperature sensor, low voltage power supply, international plug adapters, and accessory kit.
7117161-0	Inflation Test Kit, Olympus
7117161-F	Inflation Test Kit, Fujinon
7117161-P	Inflation Test Kit, Pentax
7117161-S	Inflation Test Kit, Karl Storz