

SCOPE TECH IQ



Safe, Low Voltage Flushing / Rinsing Pump

Eliminates laborious "syringing" of endoscope channels



Cleaning / Inflation Test Process Reports

Windows compatible software and Excel reports



Compact, Watertight Cabinet Mounts

Allows for mounting on a wall or counter top



Built-in Inflation Tester

No additional tools needed for inflation testing



Cleaning Sequence Control

Promotes consistent processing while recording



Simple and Easy to Use

Sequence and Express processing modes



Integrated Detergent Pump

Doses the right amount and tracks detergent conditions



Eliminates Technician Muscle Fatigue

Quiet and efficient pumping through endoscope channels



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>LEAK TEST
DETERGENT 020ml
SCOPE FLUSH 60
DETER. PURGE 23
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Flexible Endoscope Pre-Cleaning System Inflation Test, Detergent Dosing and Channel Flushing

The ScopeTech IQ pre-cleaning unit is a comprehensive flexible endoscope flushing, detergent dosing and inflation test system that dramatically improves the speed of endoscope pre-cleaning while providing step by

step cleaning process management, cycle validation and printed reports. A new barcode scanner reduces the time to input scope serial number and technician I.D.'s.

ScopeTech IQ Improves Compliance w

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 IQ 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 IQ 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.

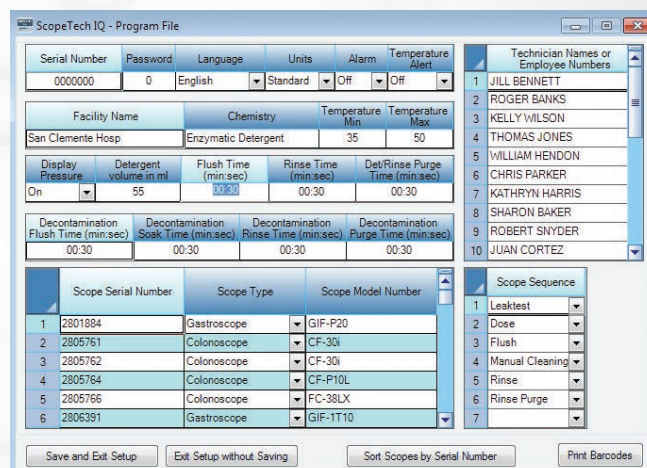
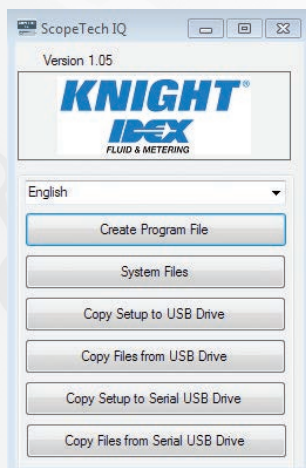
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	
1	KNIGHT® IDEX FLUID & METERING			Report Created:	Report Dates: (From - To)		Technical I.D.		1	JILL				14					
2				1/1/2013 10:31:08 AM		1/5/2013	3/12/2013			2	ANDY				15				
3										3	SUE				16				
4				Serial Number:		0000000				4	SHARON				17				
5				Facility Name:		San Clemente Hospital				5	SOFIA				18				
6				Chemistry:		Detergent				6	ART				19				
8	Summary Report																		
9	Total Chemistry Used:			1.29 Gallons		Technical Productivity													
# Scopes Processed by Technician						1	2	3	4	5	6	7	8	9	10	11	12	13	
10						107	59	0	0	0	0	0	0	0	0	0	0	0	
11						14	15	16	17	18	19	20	21	22	23	24	25	0	
12	Total Scope Processing Days:			40		0	0	0	0	0	0	0	0	0	0	0	1		
13						0	0	0	0	0	0	0	0	0	0	0	1		
14	Scope #	Scope Serial #	Scope Type	Scope Model Number	Total Cycles Per Scope	Chemistry Used Gallons	Red highlighted cycle errors provide a simple and fast way to identify processing mistakes/issues.												
15	1	2806415	Gastroscope	GIF-P20	23	0.18													
16	2	2806417	Gastroscope	GIF-1T10	25	0.19													
17	3	2806391	Gastroscope	GIF-V2	20	0.15													
18	4	2805761	Colonoscope	CF-P10L	22	0.17													

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R		
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4				Serial Number:		0000000				4	SHARON					17				
5				Facility Name:		San Clemente Hospital				5	SOFIA					18				
6				Chemistry:		Detergent				6	ART					19				
8	Cycle Report																			
14	Scope #	Scope Serial #	Scope Type	Scope Model Number	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		
15	1	2806415	Gastroscope	GIF-P20	6	1/5/2013	1:54 PM	00:38	30.0	00:30	0.97	113.0	00:30	0.45	00:40	02:18	Yes			
16	5	2805762	Colonoscope	CF-30i	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		
17	2	2806417	Colonoscope	CF-P10L	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			
18	6	2805764	Colonoscope	CF-30i	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			
19	3	2806391	Colonoscope	FC-38LX	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			
20	1	2806415	Gastroscope	EC-3430L	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			
21	1	2806415	Gastroscope	GIF-Q30	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		

with Endoscope Cleaning Protocols

Settings

ScopeTech IQ 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



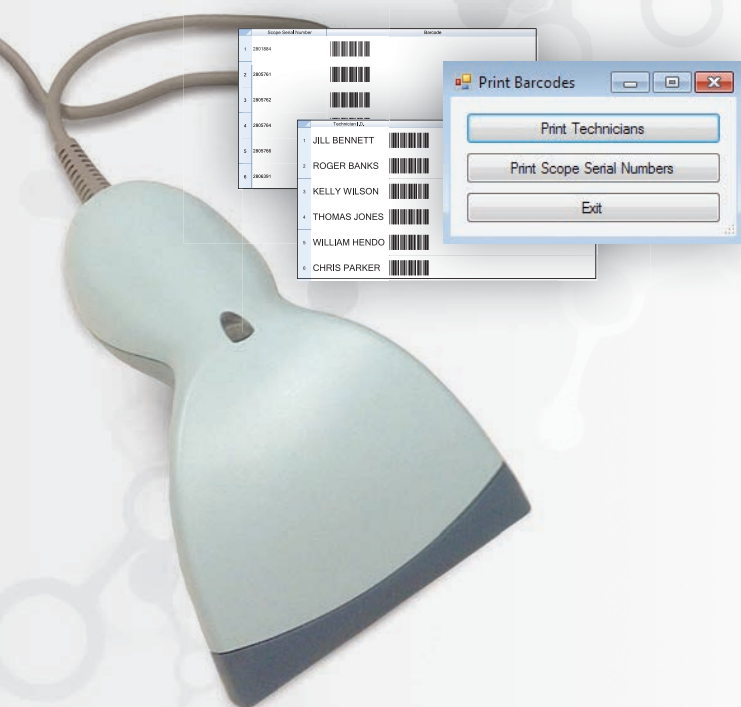
Scan technician names and endoscope serial numbers quickly and easily.



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 3/4" H x 7 1/8" W x 8 3/4" 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 dilute form. Do not use Isopropyl Alcohol with the flush pump.
Unit Weight	13.3 lbs (6.06 Kg)
Temperature Sensor	Max temperature = 160° F / 71° 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

Accessories

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



Inflation Test Kit, Olympus
7117161-O



Inflation Test Kit, Fujinon
7117161-F



Inflation Test Kit, Pentax
7117161-P



Inflation Test Kit, Karl Storz
7117161-S

Ordering Information

Part Number	Description
7260006	Knight ScopeTech IQ with power supply adaptors for North Asia, Europe, UK, China, Australia, w/o leak test kit
7260008	Knight ScopeTech IQ with Barcode Scanner and power supply adaptors for North Asia, Europe, UK, China, Australia, w/o leak test kit
7117161-O	Inflation Test Kit, Olympus
7117161-F	Inflation Test Kit, Fujinon
7117161-P	Inflation Test Kit, Pentax
7117161-S	Inflation Test Kit, Karl Storz

Knight Limited Warranty

Knight controls and pump systems are warranted against defects in material and workmanship for a period of ONE YEAR. All Electronic Control Boards have a TWO YEAR warranty. Warranty applies only to the replacement or repair of such parts when returned to the factory with a KRA number, freight prepaid and found to be defective upon factory inspection. Rubber and synthetic rubber parts such as "O" rings, diaphragms, squeeze tubing and gaskets are considered expendable and are not covered under warranty. Warranty does not cover liability resulting from performance of this equipment nor the labor to replace this equipment. Product abuse or misuse voids warranty. Knight products are not for use in potentially explosive environments. Any use of our equipment in such an environment is at the risk of the user. Knight does not accept any liability in such circumstances.

Knight Disclaimer

The information and specifications included in this publication were in effect at the time of approval for printing. Knight, LLC. reserves the right, however, to discontinue or change specifications or design at any time without notice and without incurring any obligation whatsoever.

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