Delivering Continuous Data Analysis of Routine Cleaning Monitoring

Neogen® Quality Control Data Manager

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Neogen Quality Control Data Manager—The data you need to quantify cleanliness

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Know with Confidence That They're Clean

The Clean-Trace® ATP Monitoring System provides quantitative, rapid cleanliness monitoring for:

- Flexible endoscopes
- Surgical instruments
- High-touch environmental surfaces

Routine monitoring of cleaning processes is important to demonstrate compliance to recognized standards, assure the efficacy of your processes, identify any problem areas to target for corrective actions and help provide a safer environment of care for the patient.

The Clean-Trace ATP Monitoring System has been adopted by many healthcare facilities as an important tool for quality control of cleaning environmental surfaces and endoscope or surgical instrument reprocessing.

The Neogen Quality Control Data Manager (QCDM) is a valuable part of the Clean-Trace ATP Monitoring System, providing **secure capture, storage, reporting and dashboard views** of cleaning test data.

The Clean-Trace ATP Monitoring System and the Quality Control Data Manager are backed by the full support of Neogen, including system set-up, in-service and training, staff and continuing education, technical expertise and equipment service, to help you implement a robust quality control program.

Features

Powerful reporting options to manage and communicate results

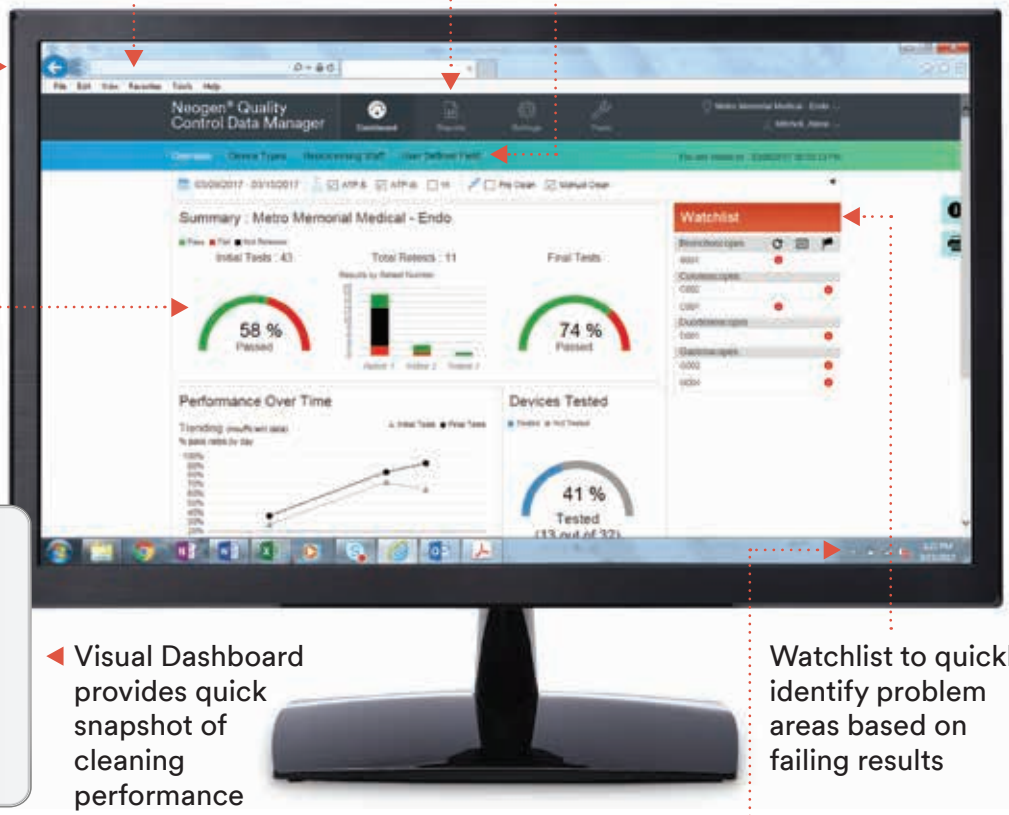
- Multifacility reporting with easy comparison across the IDN facility or system with identification of problem areas
- Automatic reporting for PDF report email delivery to specified recipients

Data hosted and managed on a secure Neogen server which employs state-of-the-art security

User defined fields for customization of the reporting—for example, cleaning chemicals used, or special projects

Click through to drill down on dashboard charts

Remote access to view dashboard on a tablet or smart phone



Visual Dashboard provides quick snapshot of cleaning performance summaries

Watchlist to quickly identify problem areas based on failing results

Automatic, wireless data transfer from Neogen® Clean-Trace® Luminometer LX25 via Wi-Fi

- Service and system updates provided by Neogen
- Neogen support for development of test plans, set-up and ongoing system support

Ultimately, to provide data storage, reporting and analysis to:

- Demonstrate compliance to policies and procedures consistent with recognized standards
- Provide evidence of effective cleaning practices compared to established benchmarks
- Identify problem areas to target develop corrective actions
- Continuously review cleaning procedures for on-going process improvement

Dashboard Views

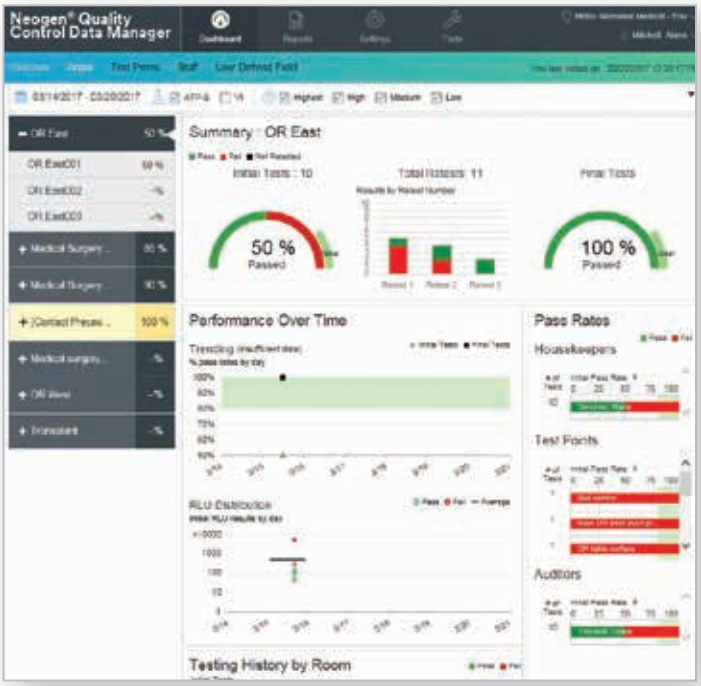
QCDM dashboards provide quick, easy, visual access to data including hover-over graphs to quickly see data point pop-ups. The dashboards provide 'Watchlists' for devices or test points with history on failure rates. Click on selected graphs to drill down to the next level of data for details on any particular test point, device, operator, or room.

Endoscope or Surgical Instrument Examples: Summary, Device Type or Instrument, Reprocessing Staff, Test Plans (Surgical Instrument only) and User Defined Field View

Environmental Surface Examples: Summary, Area, Test Points, Staff and User Defined Field Views

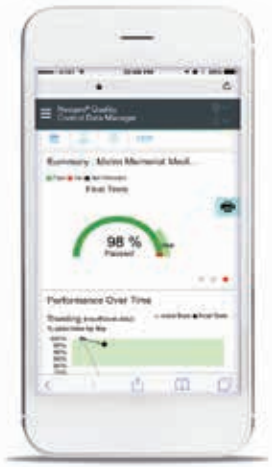
Summary Dashboard Example

Area Dashboard Example



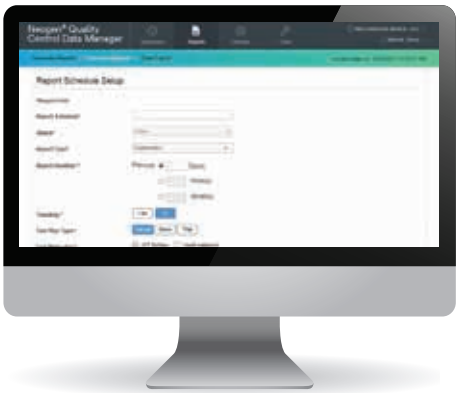
Dashboard Mobile Access

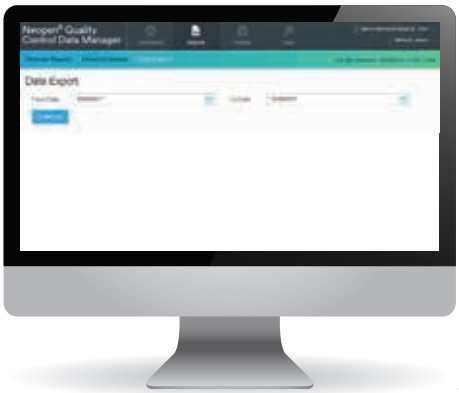
The Neogen Quality Control Data Manager online hosted service is easily accessible on-the-go on your mobile device, such as tablets or smart phones, and allows you to check in on your staff and process performance at any time.



Easy to access at qcdm.Neogen.com on your mobile internet browser and simply log-in with your credentials

Reporting and Data Export

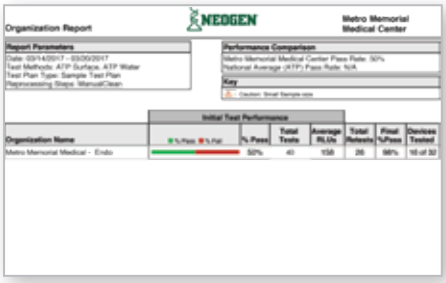




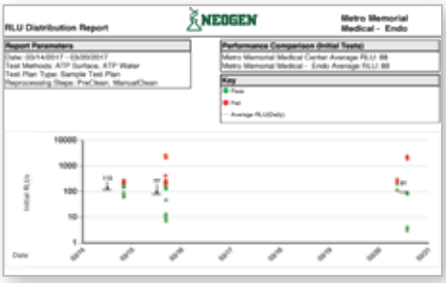
- Generate one time reports
- Schedule reports for automatic delivery to specified email addresses
- Flexibility to select date ranges and attributes to customize reports
- Ability to include data entered for visual inspection and microbial cultures
- Data export to a spreadsheet

Report Types All Applications:

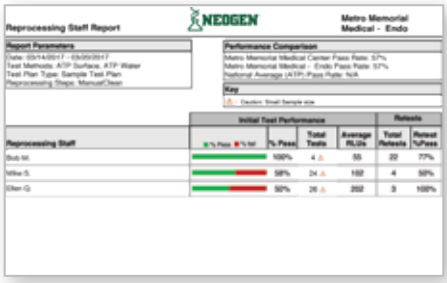
Organization Report Example



RLU Distribution Report Example



Staff Report Example

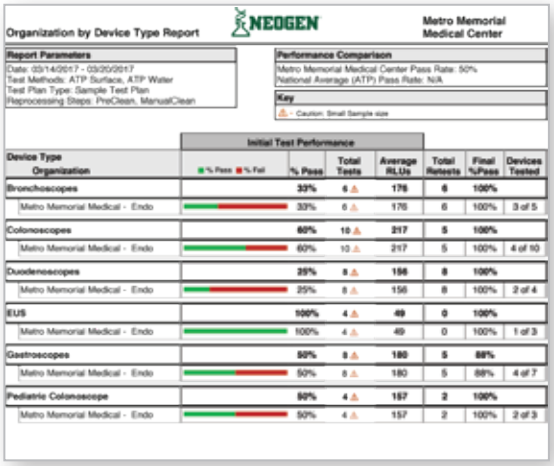


- Organization: Summary of pass/fail for entire organization
- RLU Distribution: Distribution of RLU measurements for specified date range and attributes
- Staff by user ID
- User Defined Fields: Cleaning chemicals, special projects, etc.
- Microbial culture: Results of microbial cultures for surfaces or devices

Endoscope Specific Reports

Additional reports for endoscope application:

Organization by Device Type: Results by organization by device type—bronchoscopes, duodenoscopes, etc.



Organization by Device Type Report — NEOGEN — Metro Memorial Medical Center

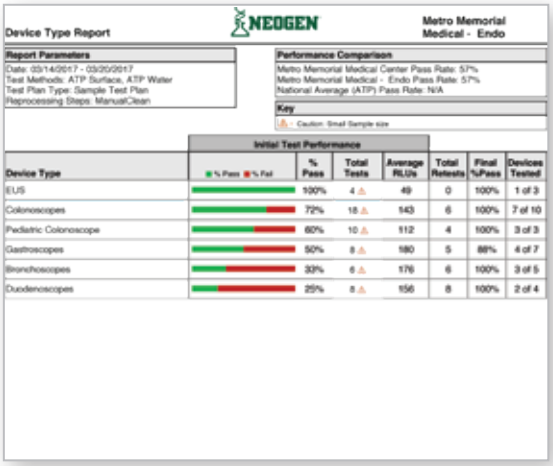
Report Parameters
Date: 03/14/2017 - 03/20/2017
Test Methods: ATP Surface, ATP Water
Test Plan Type: Sample Test Plan
Reprocessing Steps: PreClean, ManualClean

Performance Comparison
Metro Memorial Medical Center Pass Rate: 50%
National Average (ATP) Pass Rate: N/A

Key
⚠ - Caution: Small Sample size

Device Type / Organization	Initial Test Performance (% Pass / % Fail)	% Pass	Total Tests	Average RLUs	Total Retests	Final %Pass	Devices Tested
Bronchoscopes		**33%**	**6 ⚠**	**176**	**6**	**100%**	
Metro Memorial Medical - Endo		33%	6 ⚠	176	6	100%	3 of 5
Colonoscopes		**60%**	**10 ⚠**	**217**	**5**	**100%**	
Metro Memorial Medical - Endo		60%	10 ⚠	217	5	100%	4 of 10
Duodenoscopes		**25%**	**8 ⚠**	**156**	**8**	**100%**	
Metro Memorial Medical - Endo		25%	8 ⚠	156	8	100%	2 of 4
EUS		**100%**	**4 ⚠**	**49**	**0**	**100%**	
Metro Memorial Medical - Endo		100%	4 ⚠	49	0	100%	1 of 3
Gastroscopes		**50%**	**8 ⚠**	**180**	**5**	**88%**	
Metro Memorial Medical - Endo		50%	8 ⚠	180	5	88%	4 of 7
Pediatric Colonoscope		**50%**	**4 ⚠**	**157**	**2**	**100%**	
Metro Memorial Medical - Endo		50%	4 ⚠	157	2	100%	2 of 3

Device Type: Results by device type (bronchoscopes, duodenoscopes, etc.)



Device Type Report — NEOGEN — Metro Memorial Medical - Endo

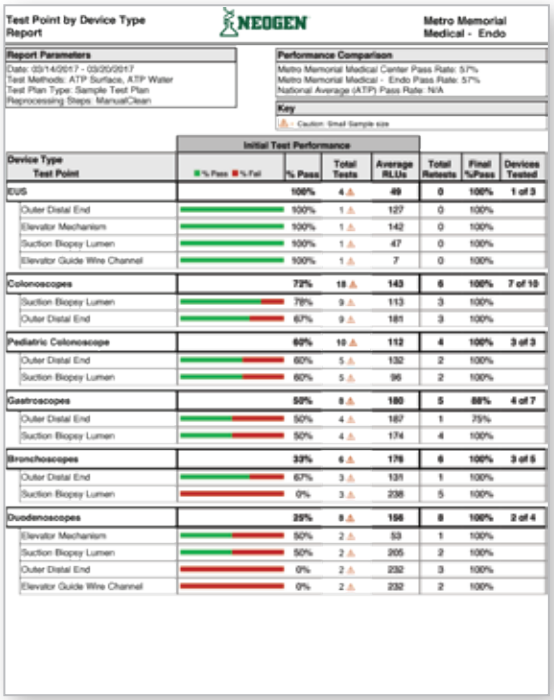
Report Parameters
Date: 03/14/2017 - 03/20/2017
Test Methods: ATP Surface, ATP Water
Test Plan Type: Sample Test Plan
Reprocessing Steps: ManualClean

Performance Comparison
Metro Memorial Medical Center Pass Rate: 57%
Metro Memorial Medical - Endo Pass Rate: 57%
National Average (ATP) Pass Rate: N/A

Key
⚠ - Caution: Small Sample size

Device Type	Initial Test Performance (% Pass / % Fail)	% Pass	Total Tests	Average RLUs	Total Retests	Final %Pass	Devices Tested
EUS		100%	4 ⚠	49	0	100%	1 of 3
Colonoscopes		72%	18 ⚠	143	6	100%	7 of 10
Pediatric Colonoscope		60%	10 ⚠	112	4	100%	3 of 3
Gastroscopes		50%	8 ⚠	180	5	88%	4 of 7
Bronchoscopes		33%	6 ⚠	176	6	100%	3 of 5
Duodenoscopes		25%	8 ⚠	156	8	100%	2 of 4

Test Point by Device Type: Results by test point (distal end, elevator mechanism, suction biopsy channel, elevator guide wire channel, etc.) and device type



Test Point by Device Type Report — NEOGEN — Metro Memorial Medical - Endo

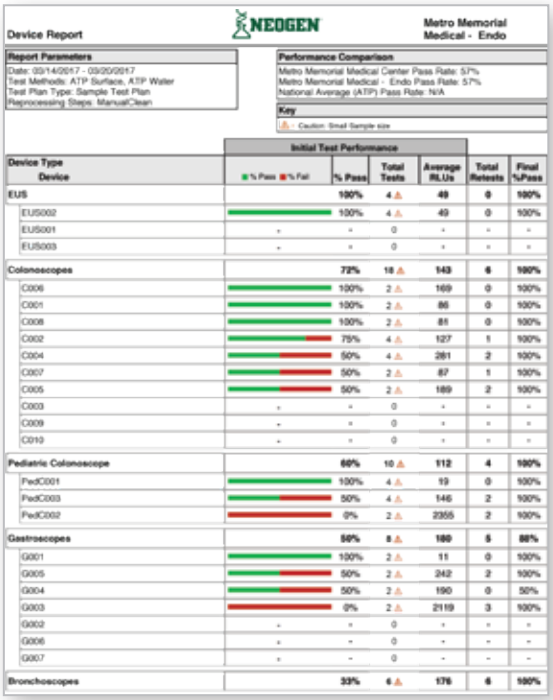
Report Parameters
Date: 03/14/2017 - 03/20/2017
Test Methods: ATP Surface, ATP Water
Test Plan Type: Sample Test Plan
Reprocessing Steps: ManualClean

Performance Comparison
Metro Memorial Medical Center Pass Rate: 57%
Metro Memorial Medical - Endo Pass Rate: 57%
National Average (ATP) Pass Rate: N/A

Key
⚠ - Caution: Small Sample size

Device Type / Test Point	Initial Test Performance (% Pass / % Fail)	% Pass	Total Tests	Average RLUs	Total Retests	Final %Pass	Devices Tested
EUS		**100%**	**4 ⚠**	**49**	**0**	**100%**	**1 of 3**
Outer Distal End		100%	1 ⚠	127	0	100%	
Elevator Mechanism		100%	1 ⚠	142	0	100%	
Suction Biopsy Lumen		100%	1 ⚠	47	0	100%	
Elevator Guide Wire Channel		100%	1 ⚠	7	0	100%	
Colonoscopes		**72%**	**18 ⚠**	**143**	**6**	**100%**	**7 of 10**
Suction Biopsy Lumen		78%	9 ⚠	113	3	100%	
Outer Distal End		67%	9 ⚠	181	3	100%	
Pediatric Colonoscope		**60%**	**10 ⚠**	**112**	**4**	**100%**	**3 of 3**
Outer Distal End		60%	5 ⚠	132	2	100%	
Suction Biopsy Lumen		60%	5 ⚠	96	2	100%	
Gastroscopes		**50%**	**8 ⚠**	**180**	**5**	**88%**	**4 of 7**
Outer Distal End		50%	4 ⚠	187	1	75%	
Suction Biopsy Lumen		50%	4 ⚠	174	4	100%	
Bronchoscopes		**33%**	**6 ⚠**	**176**	**6**	**100%**	**3 of 5**
Outer Distal End		67%	3 ⚠	131	1	100%	
Suction Biopsy Lumen		0%	3 ⚠	238	5	100%	
Duodenoscopes		**25%**	**8 ⚠**	**156**	**8**	**100%**	**2 of 4**
Elevator Mechanism		50%	2 ⚠	53	1	100%	
Suction Biopsy Lumen		50%	2 ⚠	205	2	100%	
Outer Distal End		0%	2 ⚠	232	3	100%	
Elevator Guide Wire Channel		0%	2 ⚠	232	2	100%	

Device: Results by specific devices (Manufacturer, serial numbers, facility ID, etc. within a device type e.g. duodenoscope)—Record test data at post pre-clean or post manual clean process step



Device Report — NEOGEN — Metro Memorial Medical - Endo

Report Parameters
Date: 03/14/2017 - 03/20/2017
Test Methods: ATP Surface, ATP Water
Test Plan Type: Sample Test Plan
Reprocessing Steps: ManualClean

Performance Comparison
Metro Memorial Medical Center Pass Rate: 57%
Metro Memorial Medical - Endo Pass Rate: 57%
National Average (ATP) Pass Rate: N/A

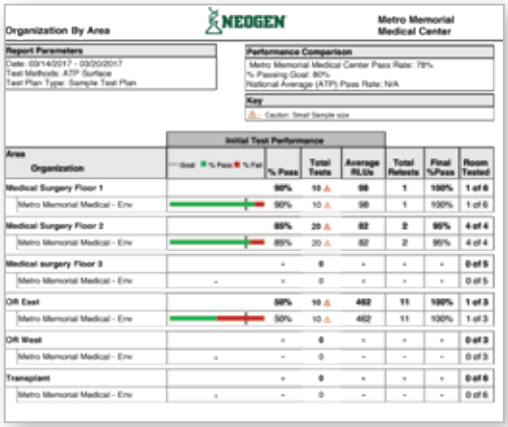
Key
⚠ - Caution: Small Sample size

Device Type / Device	Initial Test Performance (% Pass / % Fail)	% Pass	Total Tests	Average RLUs	Total Retests	Final %Pass
EUS		**100%**	**4 ⚠**	**49**	**0**	**100%**
EUS002		100%	4 ⚠	49	0	100%
EUS001		-	0	-	-	-
EUS003		-	0	-	-	-
Colonoscopes		**72%**	**18 ⚠**	**143**	**6**	**100%**
C006		100%	2 ⚠	169	0	100%
C001		100%	2 ⚠	86	0	100%
C008		100%	2 ⚠	81	0	100%
C002		75%	4 ⚠	127	1	100%
C004		50%	4 ⚠	281	2	100%
C007		50%	2 ⚠	87	1	100%
C005		50%	2 ⚠	189	2	100%
C003		-	0	-	-	-
C009		-	0	-	-	-
C010		-	0	-	-	-
Pediatric Colonoscope		**60%**	**10 ⚠**	**112**	**4**	**100%**
PedC001		100%	4 ⚠	19	0	100%
PedC003		50%	4 ⚠	146	2	100%
PedC002		0%	2 ⚠	2355	2	100%
Gastroscopes		**50%**	**8 ⚠**	**180**	**5**	**88%**
G001		100%	2 ⚠	11	0	100%
G005		50%	2 ⚠	242	2	100%
G004		50%	2 ⚠	190	0	50%
G003		0%	2 ⚠	2119	3	100%
G002		-	0	-	-	-
G006		-	0	-	-	-
G007		-	0	-	-	-
Bronchoscopes		**33%**	**6 ⚠**	**176**	**6**	**100%**

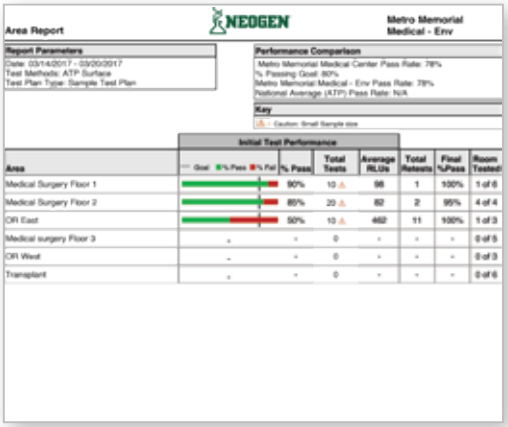
Environmental Surfaces Specific Reports

Additional reports for environmental surface application:

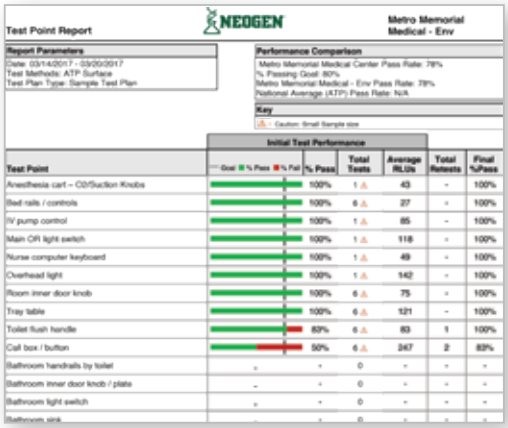
Organization by Area: Results by organization and facility area—e.g. floor, department, etc.



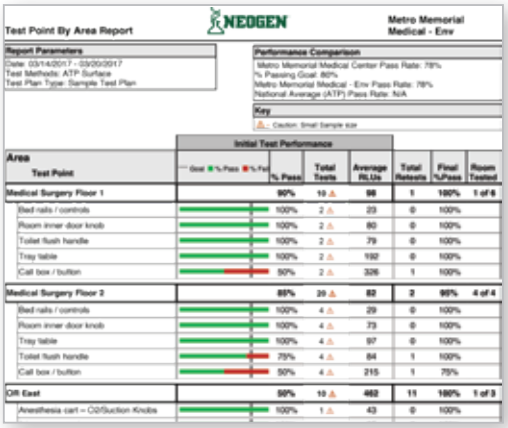
Area: Results by facility area



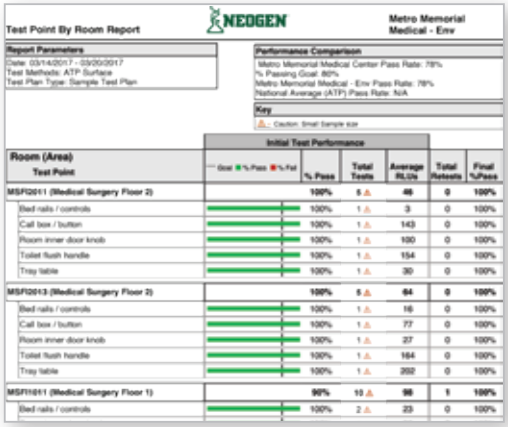
Test Points



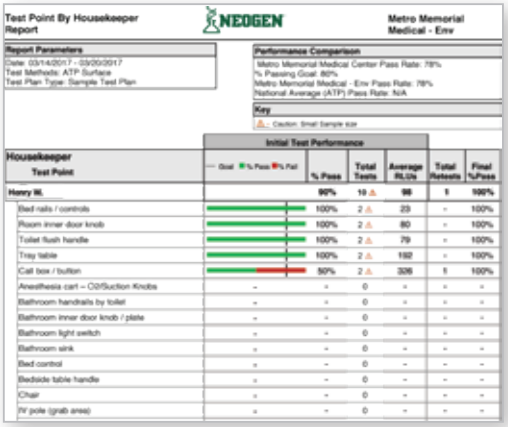
Test Points by Area



Test Points by Room



Test Points by Housekeeper



Surgical Instruments Specific Reports

Additional reports for surgical instruments application

Test Plan: Results by plan type, e.g., routine audit, etc.

Test Plan Report — NEOGEN — Metro Memorial Medical - CSD

Report Parameters
Date: 03/14/2017 - 03/20/2017
Test Methods: ATP Surface
Test Plan Type: Sample Test Plan

Performance Comparison
Metro Memorial Medical Center Pass Rate: 50%
Metro Memorial Medical - CSD Pass Rate: 50%
National Average (ATP) Pass Rate: N/A

Key
⚠ - Caution: Small Sample size

Test Plan	Initial Test Performance: % Pass / % Fail	% Pass	Total Tests	Average RLUs	Total Retests	Final %Pass	Instruments Tested
Routine Audit		50%	20 ⚠	113	-	50%	10 of 10

Instrument: Results by instrument, e.g., scissors, bone impactor, bone mill, etc.

Instrument Report — NEOGEN — Metro Memorial Medical - CSD

Report Parameters
Date: 03/14/2017 - 03/20/2017
Test Methods: ATP Surface
Test Plan Type: Sample Test Plan

Performance Comparison
Metro Memorial Medical Center Pass Rate: 50%
Metro Memorial Medical - CSD Pass Rate: 50%
National Average (ATP) Pass Rate: N/A

Key
⚠ - Caution: Small Sample size

Instrument	Initial Test Performance: Goal / % Pass / % Fail	% Pass	Total Tests	Average RLUs	Total Retests	Final %Pass
Bone Impactor		50%	2 ⚠	123	-	50%
Bone Mill		50%	2 ⚠	137	-	50%
Curettes		50%	2 ⚠	115	-	50%
Dermatome		50%	2 ⚠	108	-	50%
Kerrison forceps		50%	2 ⚠	99	-	50%
Mosquito clamp		50%	2 ⚠	99	-	50%
Reamer		50%	2 ⚠	133	-	50%
Rongeur		50%	2 ⚠	120	-	50%
Sagital Saw		50%	2 ⚠	105	-	50%
Scissors		50%	2 ⚠	97	-	50%

The Value of Cleaning Monitoring Data

Neogen Quality Control Data Manager can help manage the data generated from your ongoing quality control efforts in endoscope, device and environmental cleaning. QCDM data analysis tools are a valuable mechanism to identify problem areas for corrective action, staff education needs, support risk analysis processes and help continuous quality improvement efforts.

Endoscope and surgical instruments

As part of an endoscope or surgical instrument reprocessing routine quality control program, Neogen QCDM can help highlight:

- High failure rates indicating need for additional staff training
- Performance differences between facilities, device type, test point, staff or time of day to focus training efforts where it's needed most
- High failure rates on certain devices may indicate need for repair or service
- Damaged endoscopes or instruments that need repair/service because it repeatedly fails testing

Environmental surfaces

As part of an environmental surfaces routine quality control program, Neogen QCDM can help highlight:

- High failure rates indicating need for additional staff training
- Performance differences between facilities, staff or time of day to focus training efforts where it's needed most
- Problem surfaces that may be difficult to clean

To learn more about the Clean-Trace ATP Monitoring System and the Neogen Quality Control Data Manager, contact your local Neogen sales representative or visit info.neogen.com/Clean-Trace-healthcare. Outside of the United States, contact your local Neogen office.

Catalog Number	Description	Packaging
LX25	Neogen Clean-Trace Luminometer (Includes 1 year Standard Limited Warranty*)	1 each/box
CM-SW200	Neogen Quality Control Data Manager	N/A
UXC	Neogen® Clean-Trace® Surface Test	10 pouches/case
H20	Neogen® Clean-Trace® Water Test	10 pouches/case
WTK	Neogen® Clean-Trace® WTK Water Test Accessory Kit	Each/bag of 100
LX25EW	LX25 Extended Care Plan (2 additional years of warranty coverage*)	N/A

The Neogen Clean-Trace Luminometer LX25 comes with one-year free limited warranty. A two-year extended care plan is available for purchase and includes annual calibration and repair.

*All manufacturer warranties, extended care plans, remedies and limitation of liability regarding the Neogen Clean-Trace Luminometer are available in the user manual.

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