



New Tools and Parts to Service SciCan STATIM® Cassette Autoclaves

By Jim Wisniewski, Manager RPI Product Development

In our continuing effort to make your life easier, we are pleased to introduce our new troubleshooting guide with exploded views "A Guide to Maintaining the SciCan STATIM Cassette Autoclave" for the Cassette Autoclave models 2000 & 5000.

This essential booklet includes troubleshooting and service tips, error code descriptions, detailed exploded views and more! Plus, it's now included in our **Field Service Smart Kit®** (RPI Part #SCK028) along with some exciting new tools to service STATIM cassette autoclaves.

Our first addition to this Kit is the Alignment Tool (RPI Part #SCT052). Use this Alignment Tool with RPI's or SciCan's probe brackets. Just remove the cassette seal, place the Alignment Tool into the cassette and slide the cassette into the armature bay to verify probe bracket and cassette alignment.

Our second addition to the Field Service Smart Kit® is our Water Quality Tester (RPI Part #RPT820) and Calibration Solution (RPI Part #RPS821). Now you can test the quality of the water on site. Our Water Quality Tester will allow you to determine that the level of "total dissolved solids" in the reservoir is less than 5 parts per million as recommended by

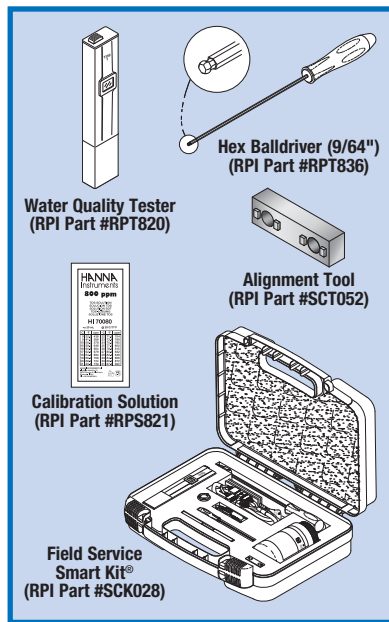
the OEM. Using the highest quality water possible will ensure a longer lasting steam generator/boiler, which we all know is a high cost repair and can lead to long down time.

Our third addition is the 9/64" Hex Balldriver (RPI Part #RPT836), which allows easy access to probe bracket mounting screws for adjustment or replacement without removing other components.

We also offer several new parts for these autoclaves. Our two new Probe Bracket Kits (RPI Part #SCK038 that fits model 2000, and RPI Part #SCK042 that fits model 5000) include the probe bracket assembly with steam ports, a Thermocouple (RPI Part #SCT030), a Microswitch Kit (RPI Part #SCK007), the new Probe Bracket Gasket (RPI Part #SCG010), as well as copper tubing and mounting hardware.

And our two new Probe Brackets (RPI Part #SCB039 that fits model 2000, and RPI Part #SCB043 that fits model 5000) offer a lower cost repair option since they include all of the parts listed above, but do not include the thermocouple and microswitch kit.

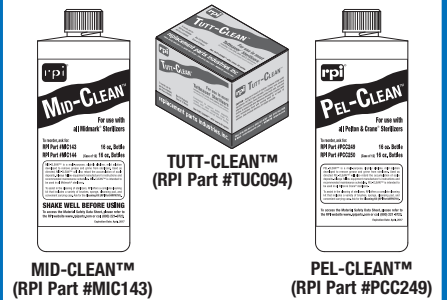
Step by step installation instructions are included with all of the above new parts. We've also made improvements



The Importance of Using the Right Cleaner

By Phil Goldstein, RPI Product Development

Since RPI introduced our line of sterilizer cleaners, there is one question that is most often posed to our Technical Support team.



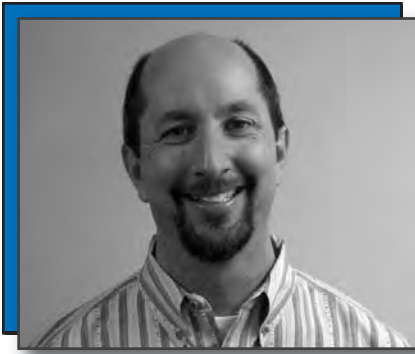
The question deals with whether you can use one cleaner for all sterilizer makes and models. The answer is no. We strongly recommend that you use the cleaning solution that was developed for the equipment for which it was intended.

Here's why. The design engineers of these sterilizers chose specific materials for specific reasons, such as rubber and plastic compounds for door gaskets and valve seals. They chose brass, copper or stainless steel tubing for water and steam lines. The trays inside the machines are made from different materials and may have been plated with nickel or chrome.

The chemicals that make up the cleaning solutions vary based on the materials chosen by the manufacturers of these machines. For example, the Midmark™ and Pelton & Crane sterilizer cleaners are an alkaline base, while the Tuttnauer cleaner has an acid base. Different types of non-ionic surfactants, phosphate esters and acids are

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*Ira Lapidès
CEO & President
Replacement Parts Industries, Inc.*

FROM THE DESK OF THE PRESIDENT

On January 1, 2013, the medical device excise tax provision of the Patient Protection and Affordable Care Act (PPACA, or ObamaCare) became effective. This provision levies a 2.3% tax on the sale of medical devices in the United States. So, the question is, to what devices does this tax apply?

The IRS recently answered that and many other questions, and their guidance document can be found in the Federal Register in a fifty-eight page document dated November 30, 2012. The IRS also has a “Frequently Asked Questions” document on their website at www.irs.gov. (the guidance document is also linked on their website). The bottom line is that any device that is regulated by the FDA is subject to this tax, with the exception of supply items that are purchased for individual use (i.e. bandaids and most other over-the-counter supplies). The document specifically includes refurbished and remanufactured equipment, but fortunately, excludes parts.

That being said, RPI sells a few items that are under FDA purview, including our line of patient cables and leadwires, infant skin temperature probes, and heating elements for infant radiant warmers. For these items, we will be required to pay the 2.3% tax, unless these items are to be used in equipment that is being refurbished for resale – in which case they are taxed when the refurbished equipment is sold.

Confused? Join the club. It took me a while to read through the documents and figure out all of this, and hopefully, I got it right. There’s a lot more to the story, so I encourage you to read through the IRS documents and consult your tax professional to determine whether this tax applies to any of your business and how to proceed in dealing with the tax. The tax is to be paid quarterly, unless the total tax dollars exceed a certain amount, and then it is to be paid every other week.

As we go to print on this newsletter, efforts continue by some in Congress to have this provision of the PPACA repealed, but nothing definitive has been accomplished, so be sure to monitor Congress for new developments.

Also, accompanying this newsletter is our new price book. It has been three years since our last pricing update, and it was time to revisit our overall pricing, as raw material and other costs have continued to rise. As always, we have done our best to keep our pricing as competitive as possible. The price increases reflected in the new price book have nothing to do with the medical device excise tax, as its impact is relatively small on RPI. We were able to keep our prices constant on many of the parts that you need most, and modest increases on other parts considering we have kept our pricing the same for three years. Hopefully you found our changes to be fair and reasonable, and as always, let us know if see something that doesn’t make sense.

If you have any further insights on the medical device excise tax, please be sure to let me know!

THE RPI FAMILY

Hello. My name is Lorena Barrios.

I started with RPI in November 2010 as a temporary employee and was only supposed to fill a position for about a week or so ... Luckily, I charmed them with my pizzazz and was offered a full-time position as a Customer Service Representative in February of 2011.

I was born and raised in San Fernando, California and grew up very close to my paternal grandmother Dora, who made me a huge fan of the old fashion black and white movies.

My grandmother and I would spend many afternoons and weekends watching movies like “The Gas Light” and “Hush, Hush Sweet Charlotte”.



*Lorena Barrios
Customer Service*

I am a fan of Bette Davis, Ingrid Bergman, and Catherine Hepburn as well as many other timeless great actors. I am an especially HUGE fan of Elvis Presley and hope to someday get the chance to travel to Graceland for the deluxe tour.

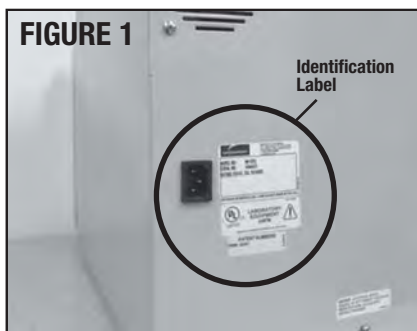
My husband is my Junior High School Sweetheart and we have a 16 year old son together. We love going camping with our entire extended family and friends on a yearly basis. I am a Los Angeles Dodger fan and try to attend as many games as I can throughout the season. I love shopping at Flea Markets, Swapmeets and Farmers Markets for good finds.

I’m extremely grateful for RPI for keeping me on week after week back in November 2010. I look forward to celebrating a brand new anniversary every February for many years to come at RPI.

Identifying a Midmark® • Ritter® M9/M11 Sterilizer

By Mark Micucci RPI Product Development

Before ordering repair parts for the Midmark M9/M11 be sure to identify which version of the sterilizer you are servicing to ensure you are ordering the correct parts. Note that there are two different versions of the Midmark M9 and M11 sterilizers which are identified by both serial number and model number. Both the model and serial numbers will help identify the version.



The best way to determine which version of the M9/M11 you are working on is to find the model and serial number identification label located on the back of the sterilizer (see *Figure 1*).

The model number will be designated by a series of characters starting with M9 or M11 followed by a dash (-) and a 3 digit code. There will also be a serial number on the same label which will start with either 1 or 2 letters followed by a number.

If the back of the sterilizer is not easily accessible, you can still determine which version you are working on by examining the front of the sterilizer.

At first glance you will note that both versions are marked with the Midmark name and indicate M9 or M11 on the front panel.

Now look closer, the **M9/M11 -001 thru -019** has a series of eight red segment LED assemblies to show the temperature, pressure and elapsed time as shown in *Figure 2*. The **M9/M11 -020 thru -022** has a two line green LCD to show the temperature, pressure and elapsed time. This version is also easily identified by the addition of a pull lever added to the top of the sterilizer used to test the safety relief valve as shown in *Figure 3*.



Midmark® • Ritter® M9 and M11 Control PC Boards

By Mark Micucci RPI Product Development

To ensure an error free installation with minimal down time, there are just a couple of things to keep in mind when ordering and installing a refurbished Control PC Board to fit the **120V** versions of the Midmark M9 and M11.

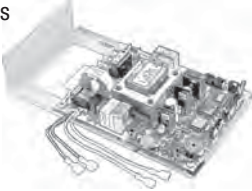
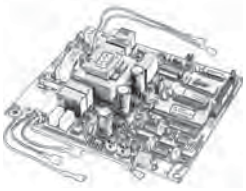
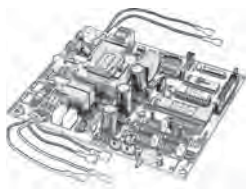
First, when placing your order for a Control PC Board, we will ask that you ship the non-operational

board to us before a replacement board will be shipped to you. We will send you a shipping box with all the required packaging material and a prepaid UPS return label. We ask this so that we can ensure a steady inventory of boards coming back to us.

Second, depending on which PC board you are shipping to us, you may or may not need to include the mounting bracket, so please refer to the chart below. Once the board has been received by RPI and verified that it is in reasonable condition without burn holes, a replacement board will be shipped to you.

And third, before installing the replacement board, refer to the "Troubleshooting Guide to Protect Your Replacement PC Board" pamphlet that is included with the replacement board (or visit the RPI website, www.rpiparts.com, for a copy of the pamphlet). The pamphlet explains the importance in checking the condition of the Heater and/or the Pulse Solenoid prior to installation to avoid damaging the replacement PC Board and possibly voiding the warranty.

Please note: RPI Control PC Boards do not fit the M9D/M11D or any of the 220V versions.

RPI Part #MIB129	RPI Part #MIB130	RPI Part #MIB131
OEM Part #022-0762-00	OEM Part #002-0434-00 & 002-0434-03	OEM Part #002-0501-00
When returning the old PC Board, YOU MUST include the Mounting Bracket	When returning the old PC Board, DO NOT include the Mounting Bracket	When returning the old PC Board, DO NOT include the Mounting Bracket
Models: M9-020 & -022 Serial # prefixes RN, RR & V; and M11-020 & -022 Serial # prefixes RS, RV & V	Models: M9-001 thru -019 Serial # prefixes CZ, DA, DB, DX, DY, FD & OM	Models: M11-001 thru -019 Serial # prefixes ES, ET, FP, FR & GB
 <p>Fits New Style M9 & M11</p>	 <p>Fits Old Style M9</p>	 <p>Fits Old Style M11</p>

WHAT'S NEW

The following new parts are now in stock,

DENTAL EQUIPMENT

New Parts to fit A-dec 6300 Series Dental Lights!

RPI PART #	OEM PART #	DESCRIPTION	RPI PART #	OEM PART #	DESCRIPTION
ADB260	28.0770.00	Bearing Sleeve	ADP265	018.063.00 (Black) & 28.1536.00 (Surf)	Hole Plug
ADB263	No OEM Part # Available	Bushing (Right)	ADP271	28.0554.00	Mount Plate (Lamp Shield)
ADB268	No OEM Part # Available	Bushing (Left)	ADP272	28.0553.00	Mount Plate (Nosepiece)
ADC267	No OEM Part # Available	Ground Contact	ADS261	No OEM Part # Available	Spring
ADK258	28.0770.00 (Bearing Sleeve only), 018.063.00 (Black Hole Plug only) & 28.1536.00 (Surf Hole Plug only)	Pivot Tension Kit	ADS264	No OEM Part # Available	Screw (Tension Adj Right)
ADK269	28.0503.02	Lens Kit	ADS266	No OEM Part # Available	Screw (Tension Adj Left)
ADK274	28.1012.00 (Surf) & 28.0643.00 (Black)	Lever & Bracket Kit	ADS270	28.0555.00	Lamp Shield
ADK275	28.0628.00 (Handle only) & 28.0629.00 (Handle only)	Handle Insert Kit	ADW259	No OEM Part # Available	Washer (Sleeve)
ADN273	75.007.00 & 28.0504.00	Nosepiece	ADW262	No OEM Part # Available	Flat Washer
			LMP609	041.179.00, 041.179.01, 041.709.00 & 28.1004.00 (Bulb & Holder only)	Lamp (17V, 95W)

New Parts to fit Belmont Clesta 501, 502 & 505 Dental Lights!

RPI PART #	OEM PART #	DESCRIPTION	RPI PART #	OEM PART #	DESCRIPTION
BEC041	501054	Touchless Switch Cover	BEK037	501031, 501032, 501033, 501034, 501035, 501041 & 501042	Yoke Drift Kit
BEC049	501026	Yoke Wire Cover	BES035	501009	Intensity Switch
BEH047	501016, 501043, 501047 & 501048	Harness (Light)	BES044	501071	Front Shield
BEH048	501044, 501045, 501046 & 501049	Harness (Touchless Switch)	BES046	501073	Spring Clip
BEK051	501003, 501004, 501005, 501006 & 501008	Yoke Pivot Kit	BES050	501058	Protective Rubber Sheet

ORTHOPEDICS & PHYSICAL THERAPY

New Parts to fit Chattanooga Hydrocollators!

RPI PART #	OEM PART #	DESCRIPTION	RPI PART #	OEM PART #	DESCRIPTION
CHB017	22356	Bracket (Element Support)	RPA724	21882	Water Thief
CHB018	21023	Bracket (Bulb Support)	RPC810	23392	Coupler
CHC007	20568	Hospital Grade Power Cord	RPF764	20906	Fuse (15A) - Fast Acting
CHC008	20909	Hospital Grade Power Cord	RPH756	No OEM Part # Available	Washer (Hose Bib)
CHC010	21260	Caster (3")	RPR710	20908	AC Inlet Recepticle
CHH015	22267	Heating Element	RPT472	See Note Below	QC Terminal (1/4 Female)
CHH016	21635	Drain Hose	RPT802	See Note Below	QC Terminal (1/4 Female)
CHL011	22149	Pilot Light (Red)	RPW803	See Note Below	Hook Up Wire (Brown)
CHL012	22148 (New Style)	Pilot Light (Clear)	RPW804	See Note Below	Hook Up Wire (Blue)
CHT014	20548	Overheat Thermostat	<i>Note: This part is included in OEM Part #'s 21031 (Harness Complete), 21617 (Harness Complete) & 61579 (Harness Complete)</i>		
CHV009	21085	Drain Valve (1/2")			
CHW006	No OEM Part # Available	Sealing Washer			

BULK STERILIZERS

New Parts to fit AMSCO/Steris® Amscomatic, Eagle, Century & Medallion Series Sterilizers!

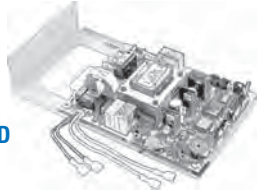
RPI PART #	OEM PART #	DESCRIPTION	RPI PART #	OEM PART #	DESCRIPTION
AMK215	764326-476	Seat Kit (Steam)	AMP248	764324-196	PM Pack (Door, 24" x 36")
AMK216	764326-481	Seat Kit (Exhaust)	AMS249	12667-061	Spring (Lock Clutch)
AMK217	764326-620	Seat Kit (Water)	AMS250	4782-061	Cap Screw
AMP246	754360-002	PM Pack (Door, 16")	AMV263	150828-476	Safety Valve (40 PSI)
AMP247	754360-003	PM Pack (Door, 20")	RPG812	764322-635	Grease

FROM RPI

ready to ship the day your order is received!

TABLE TOP STERILIZERS

Control PC Board to fit Midmark® • Ritter® M9 & M11 Sterilizers and more!

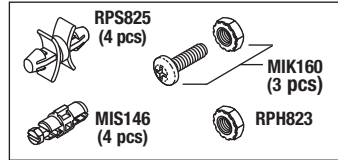


CONTROL PC BOARD (REFURBISHED)

RPI Part #MIB129

OEM Part #022-0762-00

Models: M9-020 & -022 Serial # prefixes RN, RR & V; and M11-020 & -022 Serial # prefixes RS, RV, & V



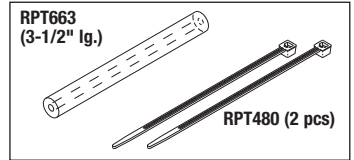
PCB MOUNTING KIT

RPI Part #MIK159

OEM Part # (No OEM Part # Available)

Models: ALL M9 & M11

Upgraded to fit all M9 & M11!



PRESSURE TUBE KIT

RPI Part #MIK117

OEM Part # (No OEM Part # Available)

Models: ALL M9 & M11

New parts to fit SciCan STATIM® 2000 & 5000 Cassette Autoclaves!

RPI PART #	OEM PART #	DESCRIPTION	RPI PART #	OEM PART #	DESCRIPTION
RPH817	No OEM Part # Available	Screw (#8-32 x .500 SEMS)	SCF061	01-109300S	Filter
RPP819	No OEM Part # Available	Mounting Pad	SCG010	01-100865S	Probe Bracket Gasket
RPS821	No OEM Part # Available	Calibration Solution	SCG044	01-101650S	Facia Gasket
RPT820	01-103139S	Water Quality Tester	SCK028	01-100570S	Field Service Smart Kit (see pg. 1)
RPT836	No OEM Part # Available	Hex Balldriver (9/64")	SCK038	01-100570S	Probe Bracket Kit
RPW382	No OEM Part # Available	Hook Up Wire (Black) #14 AWG*	SCK042	01-101618S	Probe Bracket Kit
RPW805	No OEM Part # Available	Hook Up Wire (White) #14 AWG*	SCK048	01-109128S	Copper Tubing Kit
RPW806	No OEM Part # Available	Hook Up Wire (Gm/Yel) #14 AWG*	SCK049	01-109129S	Copper Tubing Kit
RPW813	No OEM Part # Available	Hook Up Wire (Black) #22 AWG*	SCK059	01-101783S & 01-109300S (Filter only)	Reservoir Cap & Filter
RPW814	No OEM Part # Available	Hook Up Wire (White) #22 AWG*	SCK062	01-104381S (Display only) & 01-109494S (Display only)	LCD Kit
RPW815	No OEM Part # Available	Hook Up Wire (Gm/Yel) #22 AWG*	SCP050	01-100568S (Invensys Pump - 2000) & 01-101761S (Invensys Pump - 5000)	PUMP KIT
SCA022	01-104382S, 01-104381S (Display only) & 01-109494S (Display only)	Display Assembly	SCP051	01-110445S (Ulka Pump - 2000) & 01-110446S (Ulka Pump - 5000)	PUMP KIT
SCB039	01-100570S (Complete Assy)	Probe Bracket	SCT052	01-106776S (Probe Alignment Jig)	Alignment Tool
SCB043	01-101618S (Complete Assy)	Probe Bracket	SCT053	01-108816S	Metering Tube (290)
SCC060	01-101783S (Reservoir Cap & Filter)	Reservoir Cap			
SCD063	01-106950S	LCD Decal			

* Hook Up Wire is sold by the foot

TABLES & CHAIRS (EXAM/SURGICAL)

New parts to fit Midmark® • Ritter® 411 & 419 Exam Tables and Chairs!

RPI PART #	OEM PART #	DESCRIPTION	RPI PART #	OEM PART #	DESCRIPTION
MIA164	002-0215-00 & 002-0590-00	Back & Foot Actuator	MIP169	015-0502-00	Hand Control Panel
MIA165	002-0214-00 & 002-0562-00	Base & Tilt Actuator	MIP191	015-0440-00	Program Panel
MIB170	002-0347-02	Hand Control PC Board	MIS175	015-0476-00	Limit Switch
MIB186	015-0412-00	Capacitor Mounting Bracket	MIT177	051-0412-00	Support Bar
MIB192	015-0347-03	Interface PC Board	MIT178	051-0413-00	Pry Bar
MIC166	016-0509-00	Motor Coupler	RPC822	054-0085-04, 054-0085-05, 054-0067-00, 054-0074-00 & 054-0145-00	Sound Damping Composite
MIC168	9A73001 (Velcro Version) & 053-0412-00 (Clip On Version)	Hand Control	RPT816	015-0472-00	Cable Tie (14" Black)
MIC171	053-0412-00	Top End Cap (Clip On)	New parts to fit models 222 & 622!		
MIC172	053-0257-00	Top End Cap (Velcro)	MIB179	053-0246-00	Pivot Bushing
MIC173	053-0256-00	Bottom End Cap	MIC187	016-1024-00	Locking Gas Cylinder
MIC174	015-0505-03	Coil Cord	MIK189	020-0052-00, 020-0052-03 (Actuator Cap only), 040-0250-26 (Set Screw only) & 042-0066-00 (Retaining Ring only)	Actuator Cap Kit
MIC176	002-0213-00 & 016-0236-01*	Gas Cylinder	MIP188	053-0247-00	Plunger
MIC182	015-0437-04	Capacitor			
MIC183	015-0437-03	Capacitor			
MIC184	015-0413-01	Capacitor Cap			
MIC185	015-0413-00	Capacitor Cap			
MIK167	016-0237-00 (Brake only)	Brake & Coupler Kit			

* This OEM Part # refers to the "Double Gas Cylinder" Design



8 to 4
NO MORE

Sherry Lapidès
Vice President, Customer Relations
Replacement Parts Industries, Inc.

A few months ago a friend gave me a book, “The Women at Ground Zero.” It is the interviews and stories of women who were public service officers in New York on 9/11/2001 – firefighters, policewomen, EMTs and Transit Authority. The authors, two women from Northern California, realized several months after the attack that all of the tales of the disaster had been told from a man’s point of view, but nothing had been written about the women who were on duty that day and the weeks and months that followed. They set out to correct that oversight.

The interviews and the stories these surviving women told were equally as heart-wrenching as those told by the men – heroism, confusion, nightmares, comrades lost, family concerns, and funerals. Their stories were no different from those told by the surviving men.

I bring this up now because so much has changed in the 41 years since the founding of RPI. Policewomen and female firefighters were unheard of then. Women could become teachers, nurses or social workers. There were no women in combat roles in the armed forces; women as lawyers, doctors or scientists were rare back then. When RPI first opened its doors it was hard to find women in the biomed service field. Now they are, literally, all over the place.

With two granddaughters planning on going into the sciences, and two small great-granddaughters, it is wonderful to know that they will be able to pursue any field they want. It’s all open to them. Who knows, one of them may someday be running RPI.



AL'S VIEW

Al Lapidès
CEO Emeritus & Chairman of the Board
Replacement Parts Industries, Inc.

FROM THE OLD CURMUDGEON (still)

There is no question of what I want to write about today. I must pay tribute to Mike Brinkman. He passed away this April. For those of you who do not know of him, let me tell you about Mike. All of us in biomedical equipment maintenance and repair owe him a major thank you. He was one of the pioneers who helped our industry reach the level of effectiveness, competence and professionalism that it is today. He was one of a handful of pioneers who helped professionalize biomedical equipment maintenance and those who performed it. We all owe him a debt of gratitude.

He helped the industry from both the independent service company side and the hospital/user side. He was a consultant to hospitals. He helped companies like Master Plan develop from small beginnings into major service organizations. He developed an association of independent service companies called MERA (Medical Equipment Repair Associates) who, through mutual support, education and training are able to further their individual performance.

And he helped RPI. He first contacted us when we had no more than about three dozen parts. As small and as young as we were, he recognized the need for our little business. At that time there were some alternate/aftermarket sources for parts for diagnostic and imaging equipment. But there were almost none for biomedical equipment. He counseled and encouraged us. He met with us at AAMI meetings, and when he was in here Los Angeles to consult with clients. He had us come to several of his annual MERA meetings to meet with the associated firms and to be continually encouraged by them.

I feel that the professionalism Mike helped foster in the biomedical service industry has definitely carried over into the dental maintenance and service area also. Service professionals in general have continued to gain respect partly because of Mike’s groundbreaking work.

MERA continues to succeed. Mike's son Danny has worked with him for the past 30 years and is keeping it on course. Whether you knew Mike or not, we all owe him a great big thank you for helping us all to be successful.

New RPI Tools For Servicing Midmark® Power Exam Tables Models 411-001 thru -008 and 419-001 and -002

By Neil Blagman, RPI Product Development

When replacing the Base Actuator or the Gas Cylinder on the Midmark 411-001 thru -008 and the 419-001 and -002, safety should be first and foremost.

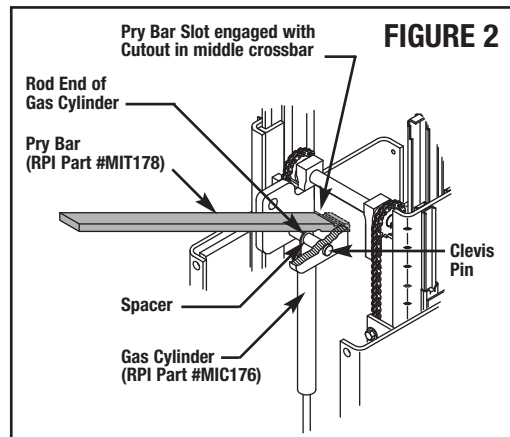
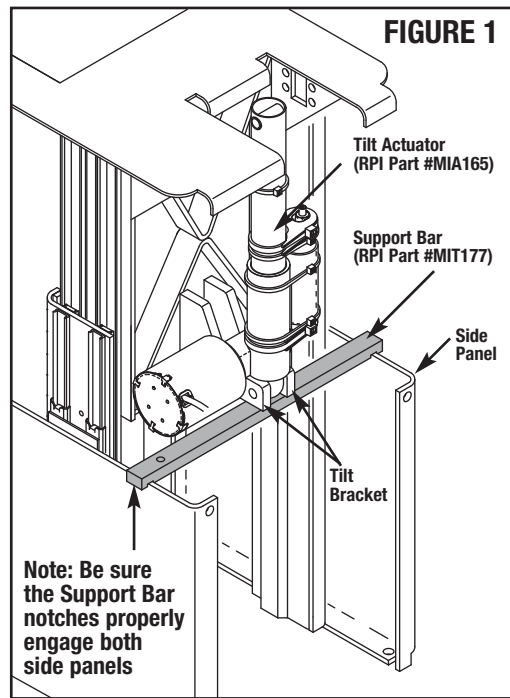
So RPI now offers two new tools with your safety in mind – introducing the Support Bar (RPI Part #MIT177) and the Pry Bar (RPI Part #MIT178).

The table top of the Midmark 411 weighs several hundred pounds so it is extremely important that it is properly supported before the Base Actuator (RPI Part #MIA165) and the Gas Cylinder (RPI Part #MIC176) are removed from the lower housing.

The table top could be supported by placing two saw horses under the table back and foot sections. However, saw horses can be awkward to carry to many work sites and may not always be available, so RPI has the perfect solution.

A safe and convenient way to support the table top during servicing (as well as to prevent it from falling once the Base Actuator has been removed) is to use the RPI Support Bar (RPI Part #MIT177). The Support Bar is made of solid steel, nickel plated and can be placed under the Tilt Cylinder and positioned on top of the right and left hand side panels. Notches on the Support Bar easily slide into place on the side panels to help center the bar and hold it in place. *See Figure 1.*

The other RPI tool designed with safety of the service technician in mind is the Pry Bar (RPI Part #MIT178). This bar is designed specifically to assist in both the removal and installation of the



gas cylinder. Here's how it works. Once properly in place, by pressing down on the Pry Bar, then slowly raising it, pressure is relieved on the clevis joint which allows for easy and safe removal of the clevis pin, spacers and gas cylinder. Then using the Pry Bar and compressing the top rod end of the gas cylinder, the pin and spacers can be reinserted through the bracket. *See Figure 2.*

Both the Support Bar and Pry Bar are great tools. They are easily transported and can be stored with other service tools. Order yours today.



Maintaining the SciCan STATIM® 2000 & 5000 Cassette Seal

By Jim Wisniewski, Manager RPI Product Development

The new Alignment Tool (RPI Part #SCT052) is one-of-a-kind – designed by RPI to help make your job easier when servicing and maintaining the SciCan Statim 2000 and 5000.

The RPI Alignment Tool was developed to confirm or provide proper alignment between the probe bracket steam ports and the cassette seal port holes. If the two do not mate properly, the life of the cassette seal will diminish rapidly. Correcting the alignment will ensure a longer lasting cassette seal and help avoid steam leaks.

To determine proper alignment, remove the cassette seal, place the RPI Alignment Tool into the cassette, and slide the cassette into the armature bay to verify the probe bracket and cassette alignment. (Note: Step by step installation instructions on how to use the Alignment Tool can be found on the RPI website, www.rpiparts.com, and are also included with the Alignment Tool, Thermocouple, Probe Brackets, and Probe Bracket Kits that fit models 2000 and 5000.)

Evidence of a worn cassette seal will be apparent by examining its port holes. You will see scrapes, cuts or missing rubber from the area. The port holes may even be oval shaped. Some markings and imperfections in the port holes can be from calcium and mineral build up on the steam ports.

In addition, remove all debris and rubber build up along the sides of the lower half of the cassette tray. This area is a sealing surface, and just like the port holes, any build up here can decrease the life of the cassette seal.

Clean and lube the cassette seals every 30 days with Liquid Soap (RPI Part #RPS278). At the same time (as well as every 10 cycles) it is recommended to

Continued on the back page



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Maintaining the SciCan STATIM Cassette Seal

(Continued from page 7)

use Sci-Dry™ (RPI Part #SCA054) – the RPI drying agent for use with the SciCan Statim 2000, 5000 and 7000. This will help the venting and drying stages work more efficient keeping the cassette and instruments dry. The OEM recommends replacing the cassette seal approximately every 6 months or every 500 cycles (whichever comes first).

Following these suggestions will help ensure a long-lasting cassette seal.

The Importance of Using the Right Cleaner

(Continued from front page)

also part of the equation used to manufacture the cleaners, all of which have their own affect on the materials in which they come in contact.

Using the right cleaner makes a big difference, especially when the cleaner comes in contact with the components used in various machines.

For example, using a granulated powder cleaner not specifically made for a sterilizer with a submersible heating element may damage the heating element. The granules may not dissolve properly and bake onto the tubular heating element in the bottom of the chamber. And as far as liquid cleaners are concerned – using the right one for your specific machine is also very important. The use of a liquid cleaner not specifically made for your machine can create a residue build up on the water level sensor thus causing a malfunction in the water filling process.

RPI offers cleaners for use with these sterilizers: Midmark (Mid-Clean, RPI Part #MIC143); Pelton & Crane (Pel-Clean, RPI Part #PCC249); and, Tuttnauer (Tutt-Clean, RPI Part #TUC094). And the RPI Sterilizer Cleaning Kit (RPI Part #RPK791) comes with just about everything needed to keep your sterilizers clean.

New Tools and Parts to Service SciCan STATIM

(Continued from front page)

and additions to some of our existing parts, and added installation instructions to others – all of which are pretty cool changes that you will really like!

Don't forget our Invensys Pump Kit (RPI Part #SCP050) and Ulka Pump Kit (RPI Part #SCP051) which include an In-Line Filter (RPI Part #SCF034), and our new Reservoir Cap and Filter (RPI Part #SCK059). The OEM now recommends the use of the Reservoir Cap and Filter along with the In-Line Filter on all units.

We also now offer a LCD Kit (RPI Part #SCK062) and Display Assembly (RPI Part #SCA022), as well as two new Keypads (RPI Part #SCK040 and SCK041). The new LCD and Keypads include a double sided adhesive foam Mounting Pad (RPI Part #RPP819) which keeps the ribbon cables organized and allows the top cover to easily be placed back into position. Also available is the STATIM 5000 Facia Gasket (RPI Part #SCG044). Inspecting and replacing a worn Facia Gasket will keep a cassette steam leak from damaging internal components.

We hope you find all of the new additions to our line of parts and tools for use with SciCan cassette autoclaves helpful.

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