






Company		Airway Management Inc	Distar LLC		Myerson LLC	Philips Respironics
Product Name		Thornton Adjustable Positioner® (TAP®)	The Adjustable TheraSnore®	TheraSnore II®	EMA custom oral appliance	SnoreSilencer Pro (United States) and SnoreSilencer (Canada)
Website		www.tapintosleep.com	www.distar.com	www.distar.com	www.myersontooth.com/sleepbetter	snoresilencerpro.respironics.com snoresilencer.respironics.com
Warranty		1 year	90 days against manufacturing defect and workmanship	1 year against manufacturing defects and workmanship	n/a	30 days
Indications	Mild to Moderate OSA	X			X	X
	Severe OSA	X			X	
	Snoring	X	X	X	X	
	Bruxism	X				
	Other	High upper airway resistance				
Type	Custom	X		X	X	
	Noncustom					X
	Boil and Bite		X			X
How It Works		The TAP stabilizes the jaw in the appropriate protrusive position to prevent airway collapse and tongue blockage; and keeps jaw closed. It has a full range of adjustment to maximum protrusion.	Gently holds the lower jaw forward, preventing the tongue and soft palatal tissues from falling back and obstructing the airway during sleep.	Gently holds the lower jaw forward, preventing the tongue and soft palatal tissues from falling back and obstructing the airway during sleep.	EMA uses interchangeable elastic straps and posterior bite pads attached to pressure-formed upper and lower trays, which allow gradual advancement of the mandible and increased vertical opening until treatment is successful.	The SnoreSilencer Pro is a heat-and-fit mandibular advancement appliance. The Precision 3 Advancement System uses three separate lower trays, each with a fixed pin setting. This facilitates three different advancement levels.
Fitting Description		Each tray is adjusted for fit and retention. Initial protrusion is set at time of delivery and can be easily modified. Posterior stops can be added for comfort, if necessary.	Custom fit for each patient by boiling the appliance in hot water. Assorted arches available for a precise and custom fit.	Send in "PVS" impressions, with completed lab slip, to Distar. Distar will pour models, fabricate the TheraSnore II, and return appliance within 10 business days from the date received.	Fit the upper and lower appliances without the elastic straps to check for comfort and to make sure there is no gingival impingement. Check the posterior bite pads for even occlusion.	The patient is fitted in the dentist chair, and the results can be enjoyed that night.
Adjustment Description		It has a precise, continuous adjustment mechanism; has one point of advancement, which prevents unequal jaw torque; is patient-adjustable; can be adjusted while in the mouth; and is easily titrated in the sleep lab.	Adjustable forward or backward in precise 1.5 mm increments. Unsnap the upper tray from the lower tray and advance lower tray to the next setting; snap back together.	Lower jaw can be adjusted forward or backward, in the office, by changing either the length or position of the spring. Vertical opening is also easily adjusted in the office.	The EMA appliance uses four different strengths of elastic straps in five different lengths to gradually titrate the mandible. The shorter the straps, the further the mandible is advanced.	For patients considering a mandibular advancement device, the SnoreSilencer Pro is a quick and cost-effective way to introduce them to the technology. It can be fitted and worn while waiting for a custom device to be made and serve as a backup while a broken custom device is repaired.
Materials		Metal hardware: Medical grade stainless steel. Trays/linings: The outer layer of the trays is a durable polymer (polycarbonate), and there is a choice of two linings. The first lining is a thermoplastic material, ThermAcryl®, which softens when heated. The second lining, the Triple Laminate (TL), consists of a dual laminate polymer plus an outer hard plastic shell.	Hard acrylic, soft thermal plastic	Dual laminate trays, stainless steel adjustment springs	The EMA appliance is completely metal free. The custom trays are made from a proprietary thermoplastic and the straps from a latex free polymer.	The outer shell is hard plastic, the inner portion is a pliable thermoplastic to ensure a comfortable fit.
Published, Peer-reviewed Validation Articles		Yes (citations available with online version)	Yes (citations available with online version)	No	Yes (citations available with online version)	No
Recommended Cleaning and Maintenance		After use, clean with a toothbrush, cool water, and antibacterial liquid soap. Soak weekly in diluted peroxide for 5 minutes.	Brush appliance after each use to remove any debris; clean every 2 days using Ortho Fresh® Cold Water Cleaner.	Brush appliance after each use to remove any debris; clean every 2 days using Ortho Fresh® Cold Water Cleaner.	Clean appliance in tepid water with a denture toothbrush and toothpaste or soak it in a denture cleaning solution; no mouthwash.	Brush the trays with toothbrush or finger thoroughly under cold tap water.

Company		Pro-Tex International Inc		SomnoMed	Space Maintainers Laboratory	
Product Name						
		Bite Guard	Snore Guard	SomnoDent® MAS	Snore Free	Full Breath Solution
Website		www.snoreguard.com	www.snoreguard.com	www.somnomed.com	www.appliancetherapy.com	www.appliancetherapy.com
Warranty		n/a	n/a	1 year against manufacturer's defects or breakage	90 days	90 days
Indications	Mild to Moderate OSA			X		X
	Severe OSA					
	Snoring		X	X	X	X
	Bruxism	X	X			
	Other					
Type	Custom			X		
	Noncustom					
	Boil and Bite	X	X		X	X
How It Works		Provides a durable protective barrier that distributes the grinding forces without damage to the teeth surfaces.	Fits snugly on the upper teeth. Keeps the jaw in a normal position, preventing it from sagging back and essentially keeping the airway open for relaxed and normal breathing during sleep.	The SomnoDent® MAS advances the lower mandible, which slightly tightens the soft tissue and muscles of the upper airway, preventing obstruction while the patient sleeps.	Positions and maintains the mandible in a down and forward position.	The appliance is designed to hold the tongue down and forward to prevent blockage of the airway. It does not advance the mandible, thereby eliminating possible TMD problems.
Fitting Description		Fitted at chair side in one, 15-minute procedure. Boil, fit to the maxillary arch, bite into the bottom trough, and trim.	Fitted at chair side in one simple, 15-minute procedure. Boil, fit to the maxillary arch, bite into the bottom trough, and trim.	The SomnoDent® MAS does not limit tongue space and is made up of two separate pieces so the patient can speak, yawn, and drink, resulting in high comfort and compliance.	Easily fit to the patient in about 1 to 2 minutes. Instructions come with each appliance. Also functions as a diagnostic and/or interim appliance.	The most popular design fits the lower arch only.
Adjustment Description		Bite Guard may be reheated up to two times after the first trial.	Designed to be slightly adjustable, it can be reheated up to three times and the mandible can be safely moved forward up to 4 mm.	The adjustment mechanism allows the mandibular protrusion to be adjusted (titrated) in the range -0.5 to +5.5 mm from the preset level.	No adjustments needed after initial fitting.	Requires adding to the posterior tongue restrainer based on patient's needs. Requires understanding the delivery protocol as provided by the inventor.
Materials		(Polycarbonate) Lexan and Elvax	(Polycarbonate) Lexan and Elvax	Surgical grade stainless steel for the ball clasps and titration element; high-quality acrylic for the outer portion on both the SomnoDent MAS Flex and the SomnoDent MAS Acrylic as well as the inside liner of the SomnoDent MAS Acrylic and SMH Bflex; a proprietary material is used for the inner liner of the SomnoDent MAS Flex.	EVA	One of two materials (the doctor chooses): a heat process acrylic, called methylmethacrylate, or a Talon acrylic, which is a thermo injected nonmethacrylate-based dental material.
Published, Peer-reviewed Validation Articles		No	Yes (citations available with online version)	Yes (citations available with online version)	No	No
Recommended Cleaning and Maintenance		Clean with toothbrush and toothpaste or soap, rinse in cool water, dry completely. Occasionally soak device in a denture cleaning solution.	Using a toothbrush and toothpaste or soap, brush, then rinse in cool water, allow to dry completely, and store in the container provided. Occasionally soak device in a denture cleaning solution.	Clean daily with soft toothbrush and mild soap. Store in clean water. Soak 5 minutes in partial denture cleaner weekly.	Clean with Efferdent or Clean-and-Fresh using warm water.	Clean daily with Efferdent or Clean-and-Fresh.