

Intraoral Appliances

Nitanium® Palatal Expander2™ and Nitanium® Molar Rotator2™

These appliances are pre-programmed so they dramatically improve on conventional expanders and rotators. They revolutionize palatal expansion.

Precise Metal Injection Molding (MIM) Components

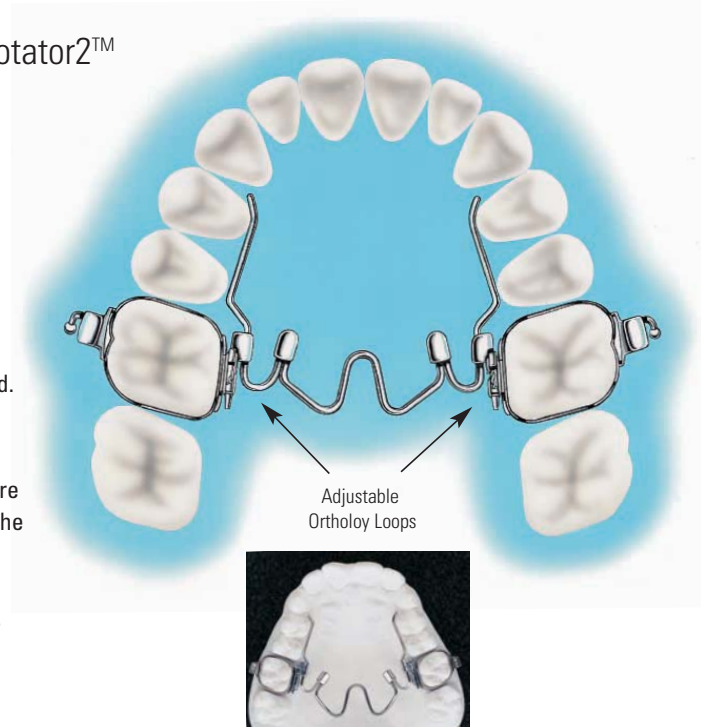
The Nitanium® Palatal Expander2™ and Nitanium® Molar Rotator2™ feature stainless steel components created by the Metal Injection Molding (MIM) process.

Thermally Activated for Total Control!

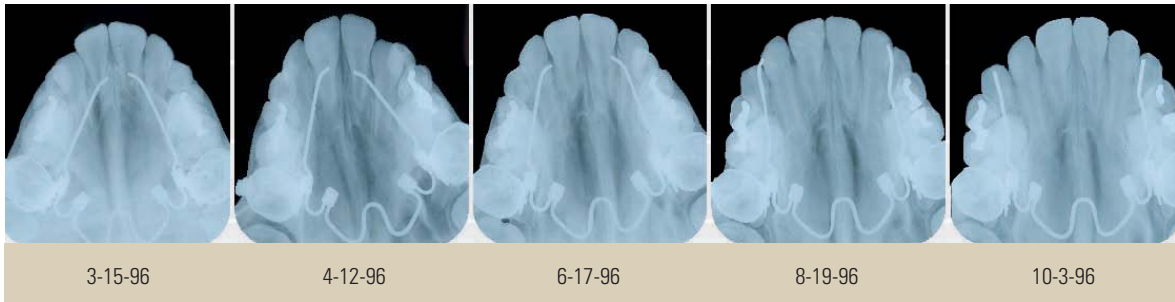
The easy to use Nitanium® Palatal Expander2™ takes expansion a step beyond. This expansion appliance has the capacity to rotate, upright, distalize and expand anterior and posterior.

The Nitanium® Palatal Expander2™ action is the result of transition temperature and shape memory. Warmth from the patient's mouth activates movement in the thermal nickel titanium energy wire toward the appliance's pre-programmed shape, producing the desired expansion and in unison tooth movement. Once exact correction is achieved, the appliance stops expanding and lies passive.

For patients requiring upper first molar rotation, we also offer the thermally activated Nitanium® Molar Rotator2™.



Patient #96807 Progress



Ask for Your Free Copy of these Articles on Nitanium® Palatal Expander2™

“Slow Maxillary Expansion with Nickel Titanium”

Drs. Ravi Nanda and Robert Marzban • 999-162

“Slow and Continuous Maxillary Expansion, Molar Rotation and Molar Distalization”

Dr. Maurice Corbett • 999-151

Nitanium® Palatal Expander2™

For easy identification, each expander has permanently stamped size numbers on the assembly. Expanders are for single use only.



Full Range Kit • 101-760

1 expander of each of the following 10 sizes:

26mm, 28mm, 30mm, 32mm, 34mm,
36mm, 38mm, 40mm, 42mm and 44mm.

1 can of Ortho Freez (10 oz.)

1 acrylic storage rack

Instruction manual



NPE2™ Full-Range Kit • 101-760



Mid-Range Kit • 101-760M

1 expander of each of the following 5 sizes:
32mm, 34mm, 36mm, 38mm and 40mm.

1 can of Ortho Freez (10 oz.)

1 acrylic storage rack

Instruction manual

Individual Expanders (1 per pack)

26mm expander • 101-761

36mm expander • 101-766

28mm expander • 101-762

38mm expander • 101-767

30mm expander • 101-763

40mm expander • 101-768

32mm expander • 101-764

42mm expander • 101-769

34mm expander • 101-765

44mm expander • 101-770

NPE2™ Mid-Range Kit • 101-760M



NPE2™ Rack • 120-015



Ortho Freez (10 oz.) • 100-788

Individual Components

Ortho Freez (10 oz. can) • 100-788

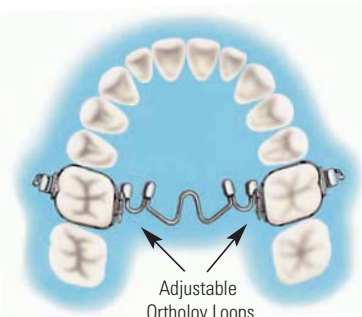
Expander Adjustment Plier • 200-450

.036 Lingual Sheath (fits left or right)
(10 per pack) • 971-032

Nitanium® Molar Rotator2™

For easy identification, each rotator has permanently stamped size numbers on the assembly.

Rotators are for single use only.



Adjustable
Orthology Loops

Individual Rotators (1 per pack)

26mm Rotator • 101-781

28mm Rotator • 101-782

30mm Rotator • 101-783

32mm Rotator • 101-784

34mm Rotator • 101-785

36mm Rotator • 101-786

38mm Rotator • 101-787

40mm Rotator • 101-788

42mm Rotator • 101-789

44mm Rotator • 101-790



Full Range Kit • 101-780

1 Rotator of each of the following 10 sizes:

26mm, 28mm, 30mm, 32mm, 34mm,
36mm, 38mm, 40mm, 42mm, and 44mm.

1 can of Ortho Freez (10 oz.)

1 acrylic storage rack

Instruction manual



Individual Components

Ortho Freez (10 oz. can) • 100-788

Expander Adjustment Plier • 200-450

.036 Lingual Sheath (fits left or right)
(10 per pack) • 971-032

*For Direct Bond Lingual Sheaths
see page 51.*

Ortho Patent No. 5,816,800 Patented Design: 5,399,087,35,170 and 5,538,422 under sub-license from Ultimate Wireforms, U.S.A.