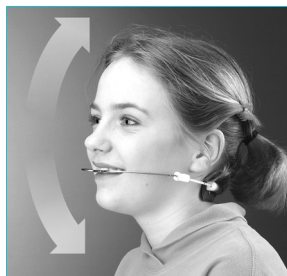
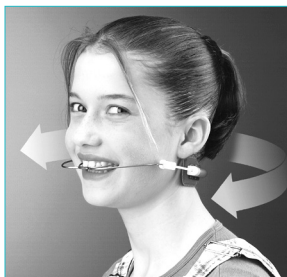


# intraoralextraoral

SPRING-GEAR®



The patented Spring-Gear is comfortable, safe headgear which continues to exert equal forces on the dentition, regardless of which head movements are made. The Spring-Gear was developed and comprehensively tested in orthodontic practices and patented worldwide. Comfort, freedom of movement, safety and, of course, effectiveness were the principles adopted during development.

### Applied Force

Because a nickel-titanium spring is used to develop the force, it is maintained at the level set by the clinician until he/she changes it.

### Comfort

The flexible, transparent Spring-Gear tube adapts to fit every neck size. The soft, blue neck cushion on the interior is washable and can be replaced by a new one if required.

### Safety

A simple, but effective, system ensures that the snap-way attachments detach from the face bow, if excessive force is applied. Ingenious design and choice of material guarantees that the releasing force remains constant throughout treatment.

### Equal Forces

A virtually friction-free nickel-titanium spring ensures that the forces exerted on the dentition scarcely change regardless of the direction in which the patient moves his/her head.

A study by the Netherlands Organization for Applied Scientific Research showed the forces on the 1st molars did not change when the head moved with patients wearing Spring-Gear cervical headgear. This is a problem with conventional headgear in that the forces on the 1st molars change with each movement of the head. This is because the headgear does not slide around the neck like it does with Spring-Gear.

Fitting the Spring-Gear to the individual patient is very simple. Sliding the snap-way attachments along the strap enables the nickel-titanium spring to be extended to the point where ideal strength is reached.

	Order Number	Package Contains
Spring-Gear®	<b>J00521</b>	1 Spring-Gear/1 Neck Pad
Replacement Neck Pads	<b>J00525</b>	10

