

SleepTight Product Contract

Description: Attachment that tightens Scoliosis back brace to prescribed pressure during sleep

Customer: Scoliosis Patients

Market: Medical Devices - Back Braces and Scoliosis Treatment

Customer Need	Product Attribute	Specification
Easy to fasten and unfasten straps	Time	< 30 seconds
Applies prescribed pressure to spine	Final strap tightness	< 100 N per strap
Allows user to fall asleep easily	Initial strap tightness	< 50 N per strap
Allows user to stay asleep	Tightening rate	< 1.5 N/s
	Sound	< 30 dB
Unobtrusive	Dimensions	< 3" x 3" x 2"
	Weight	< 2 lbs
Withstands use through treatment period	Lifetime	> 3 years
Failure mode	Adequate safety	Yes
Monitors usage	Data storage	Yes