

EquiTemp Product Contract

Product Description: **Real time equine leg warm up alert**
 Intended Customer: **Race and show horse owners, trainers, and riders**
 Market: **Equestrian Sports and Recreation Industry**

Customer Need	Product Attributes	Engineering Specifications
Horse performs normally when wearing apparatus	Weight	Sum weight of components, beyond those of a standard boot, is less than 100g
	Size	No more than ¼ inch deviation from normal profile of splint boot
Alerts rider when horse is adequately warmed up and prepared for more strenuous exercise	Temperature sensor sensitivity	Detect 1 degree (C) temperature differential
	Wireless communication signal strength	Rider can receive signal from boots at least 10 feet away
Operates in variety of equine sports conditions	Maximum loading	Withstands 40g accelerations
	Water resistance	Water resistant to 100 ft. depth
Operates for duration of training session	Battery life	Battery life of at least 4 hours
Makes all information from a training session available to customer	Data storage capacity	Can store up to four hours of data readings

