

Product Contract: KOACH

Description: Data tracking punching bag

Intended Customer: Boxing clubs, gyms

Market: Athletic equipment

Need	Attribute	Metric	Specification
Durability (Bag)	Longevity	Years	>3
Maintainability (Sensors)	Time between failures	Years	>1
Tracks maximum force	Sensitivity	Newtons	[0 , 5000]
Tracks punches per round	Sampling rate	Punches / sec.	[0 , 15]
Actionable feedback	Comprehension time	Seconds	<5
Feels like a heavy bag	Surface compression	% deviation	<10
Easy to maintain or repair	Time to service	Minutes	<10
	Steps to service	Steps	<5
Quick to start up	Time to join class	Seconds	<5
	Time to start system	Minutes	<1