

<b>PRP Comment</b>	<b>Customer Requirement</b>	<b>Engineering Requirement</b>
This dynamometer can measure cutting forces in three dimensions accurately	Captures cut force in 3 dimensions	Max cutting force
Design the wireless transmission	Wirelessly transmits data	Range
Data visualization and processing via Matlab/C/Labview	Enables data to be viewed in real time	Capture delay
This dynamometer can be mounted to the milling machine	Interfaces with milling machine	Testing
The dynamic range of the dynamometer is suitable for cutting force measurements	High repeatability	Accuracy
Designed to be durable and robust	Long lifespan	Lifespan
Design the strain gauge arrangement to measure cutting forces in three dimensions	Utilizes strain gauges	Sampling rate
-	Safe to use	Testing
Create instructions for other customers to use	Detailed user instructions	Data processing time
Create instructions for other customers to use	Easy to set-up	Set-up time