

We are involved in the requirements specification collection process for a custom flow meter for Vivitro's Pulse Duplicator system.



Pulse Duplicator

the world's most
widely-used heart model

Vivitro has provided us with a full 32 page requirements specification template.

The template is used for all their projects and encompasses a huge scope with the intention of covering all possibilities.

We spoke with

Gerry General Manager
Electrical Engineer

Joe EIT
Mechanical Engineer

No NDA yet, but there will be one if we are part of any client interaction

Laboratory Services

outsourced testing solutions
for your cardiovascular device



Tasks assigned to our team:

1. Research available technologies that can monitor flow with a digital output.
2. Compare competitor's flow meter specifications to determine what requirements Vivitro will have to match to be competitive in today's market.



Information on the current Square-Wave Electromagnetic Flowmeter:

- It is made at Carolina Medical Electronics.
- Vivitro is concerned about the long-term availability of the product and would like an immediate replacement as they have no way to reproduce it.
- It is also a huge expense and Vivitro would like to cut down on it.
- It does too many digital to analog conversions during the measurement process.

