

Optical system for assessment of atrial and ventricular mechanics in Langendorff-perfused mouse hearts

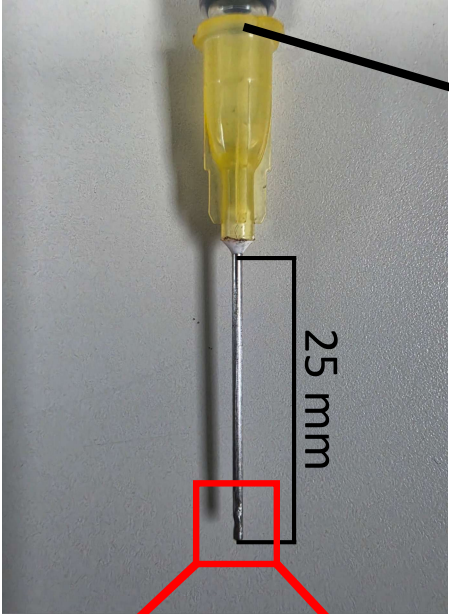
3D printing to facilitate the experimental protocol

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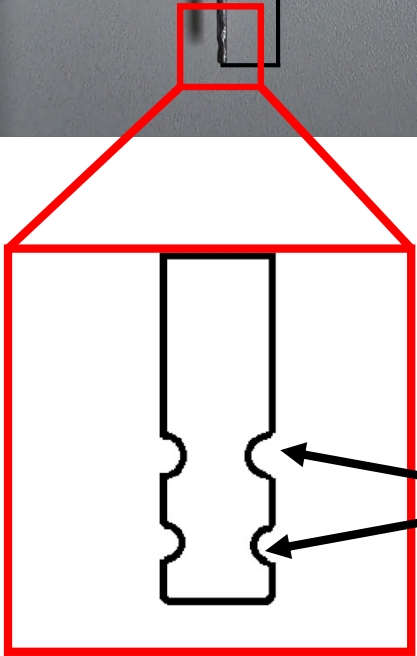
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20 G needle



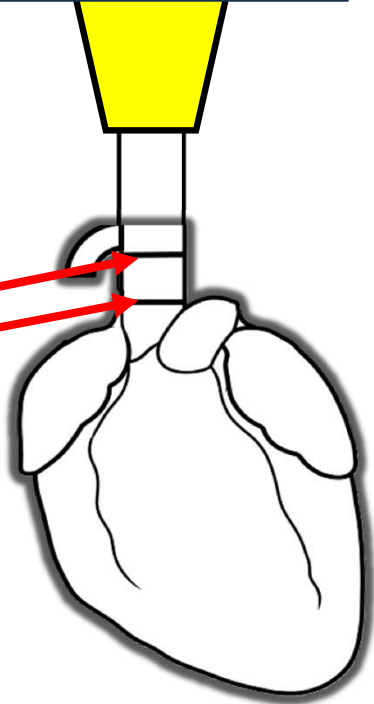
25 mm



Note: When making the indentations be careful not damage the needle

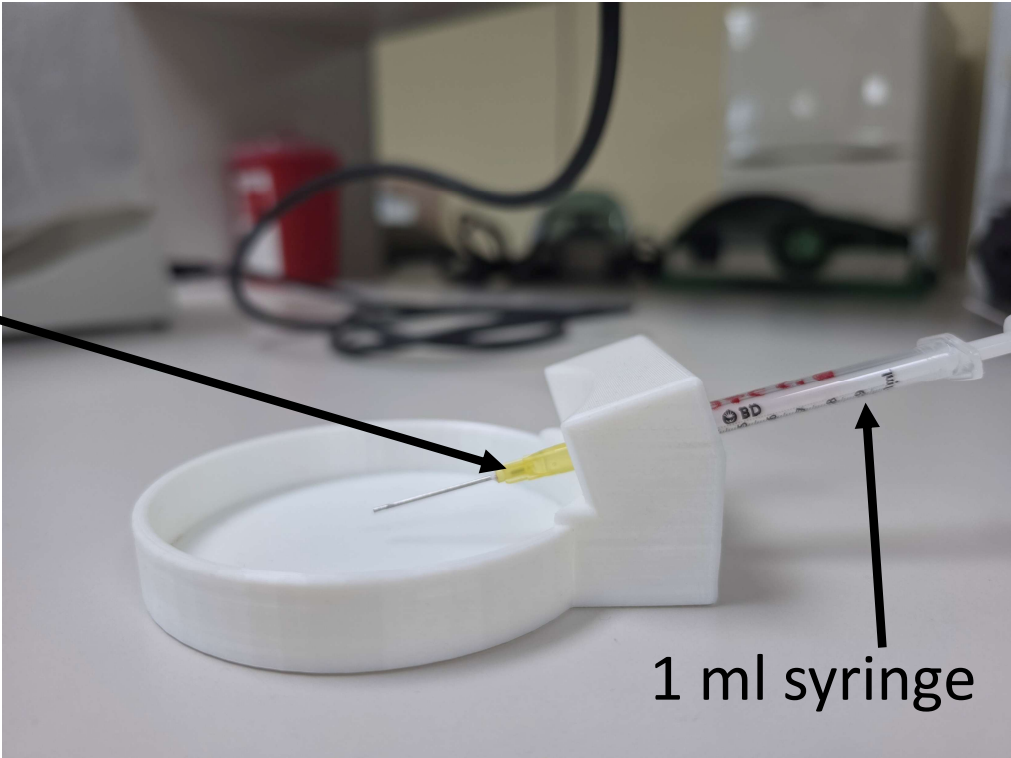
Section for tying silk thread

Langendorff System



Example of the tying of the knots in the heart

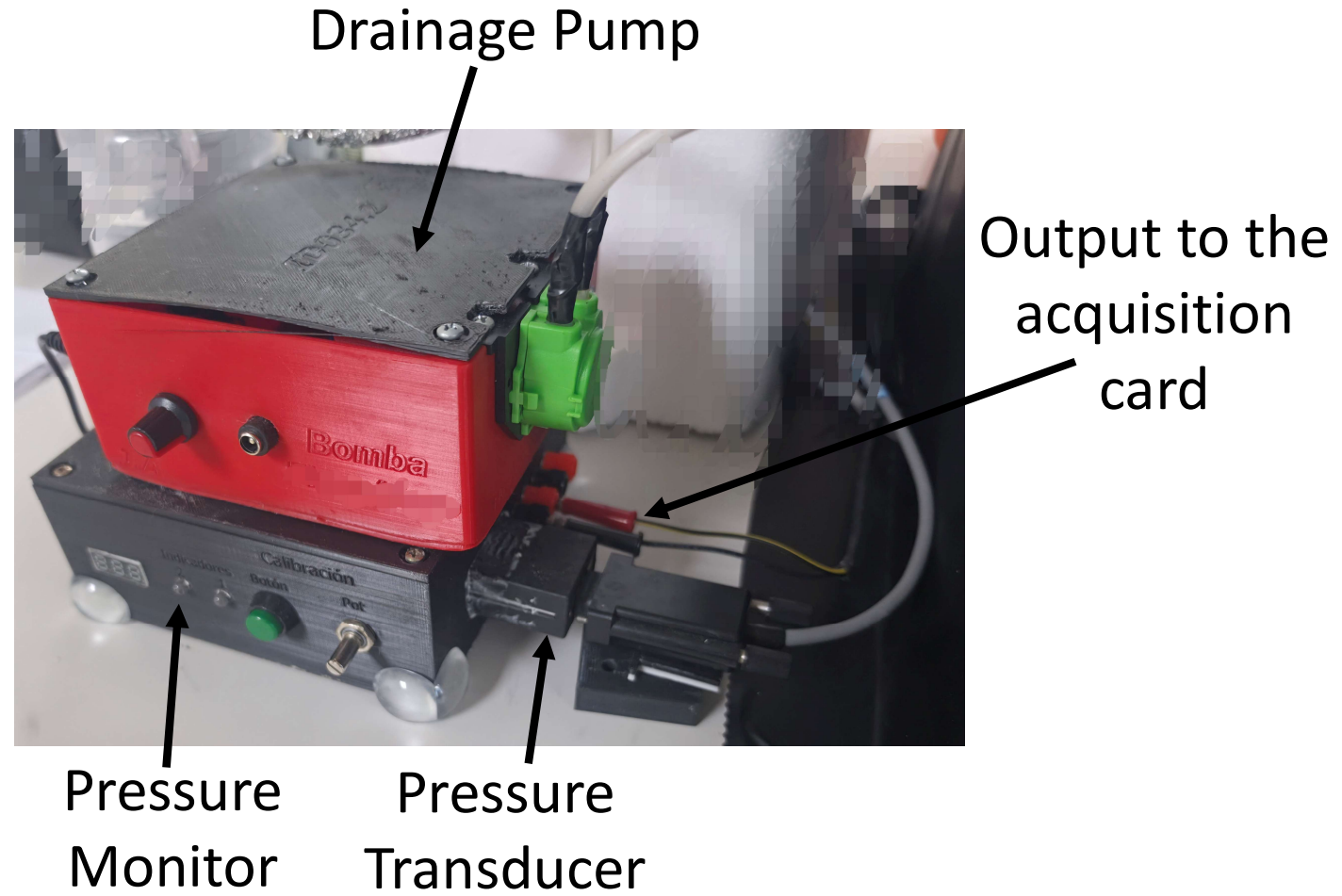
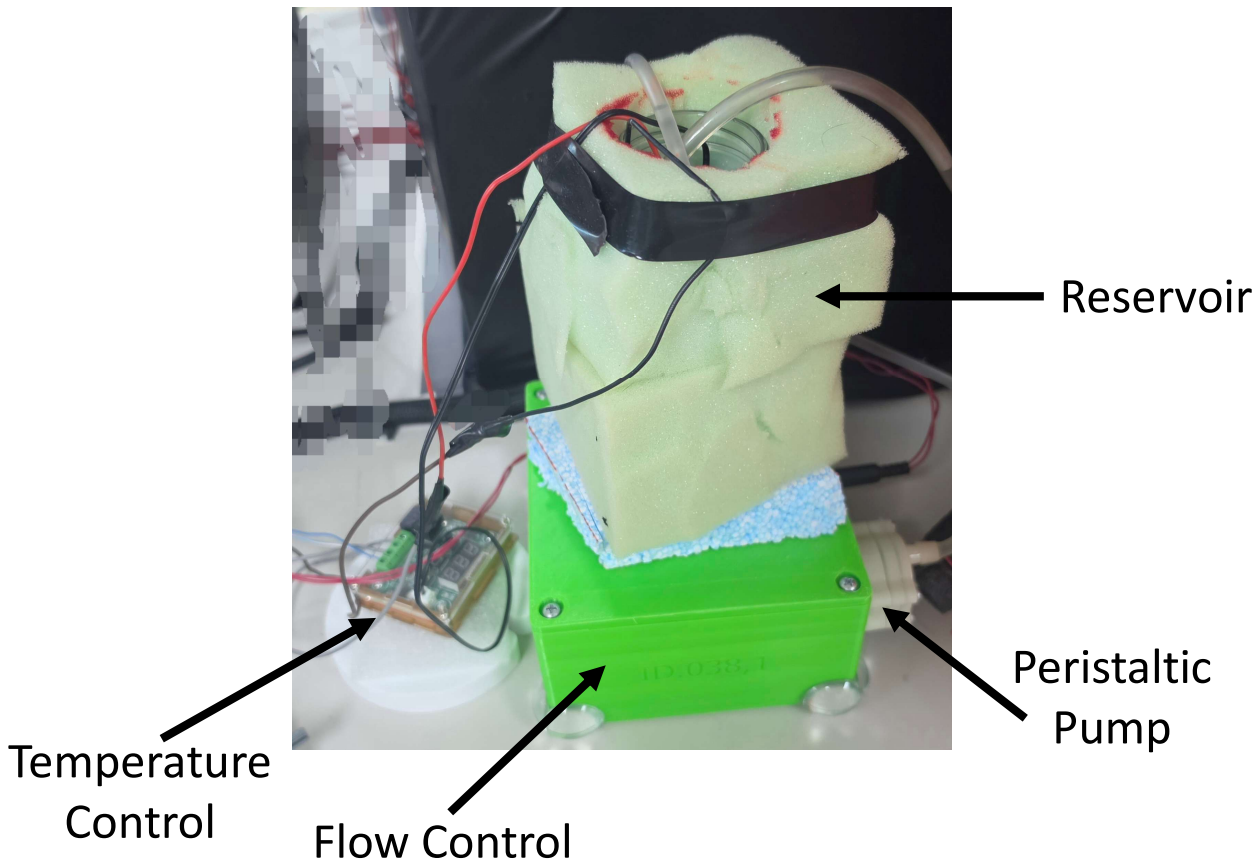
Base for cannulating the heart



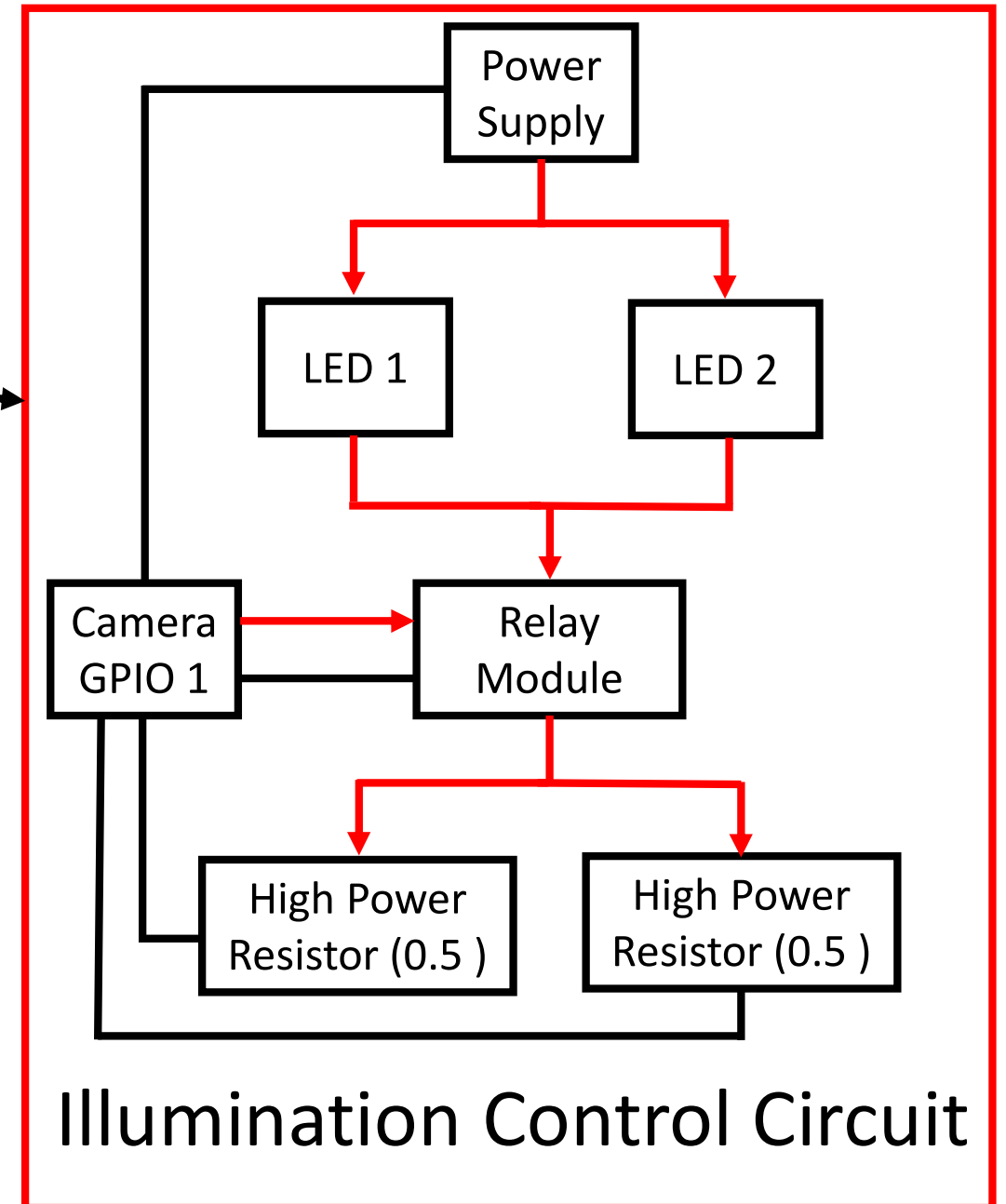
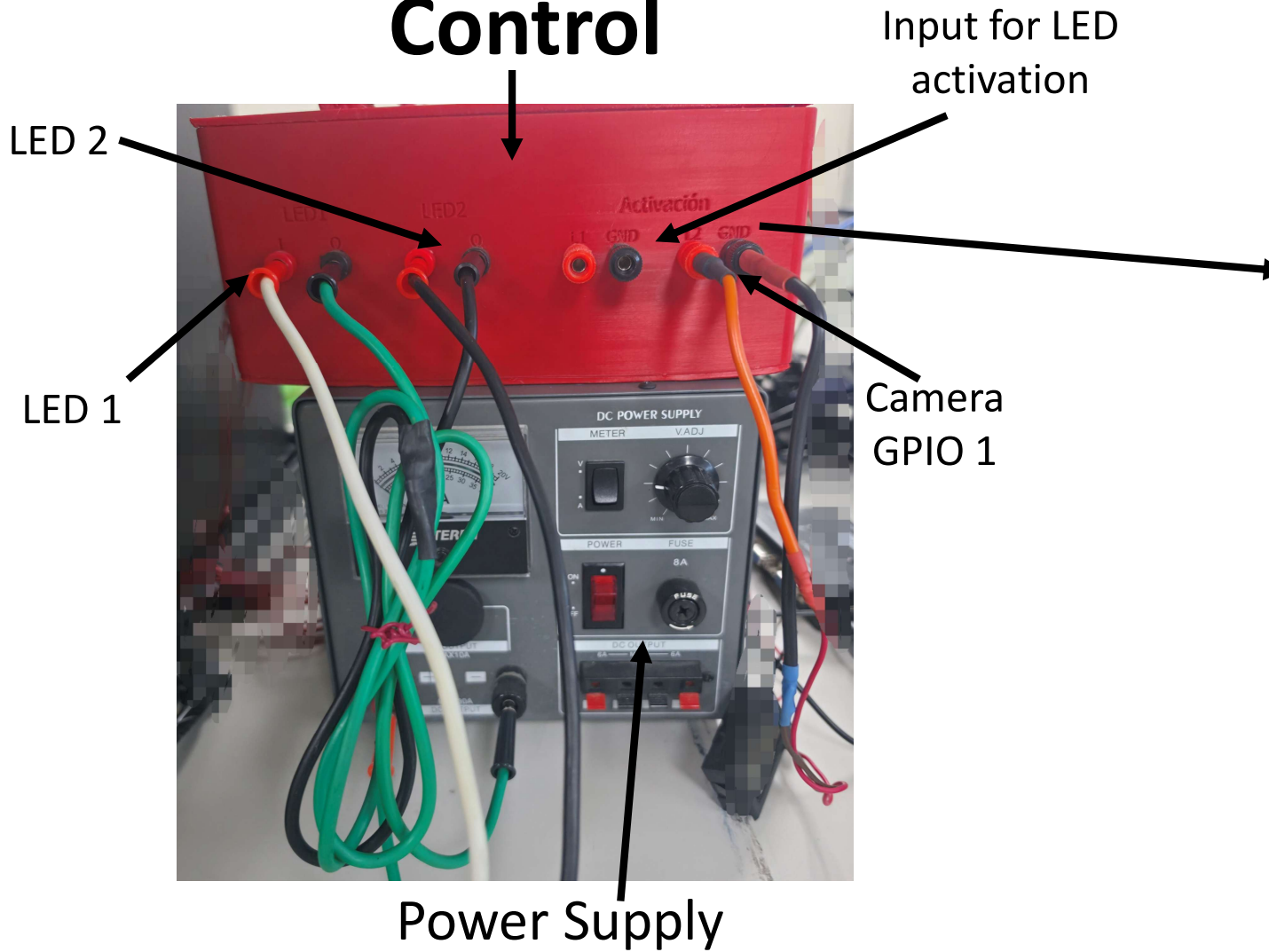
1 ml syringe

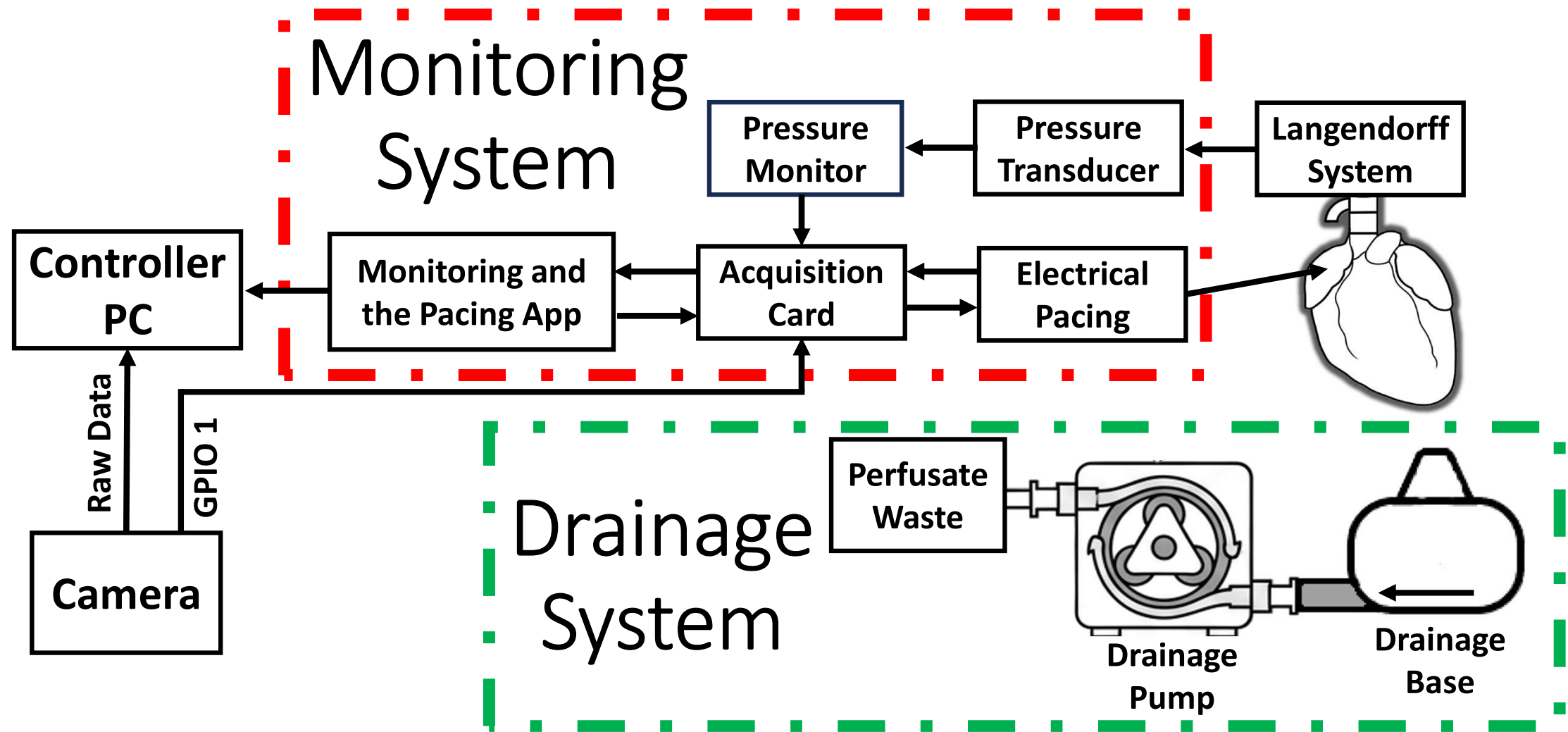
Note: This container will dig you a maximum amount of 100 ml

Serpentine Recirculator

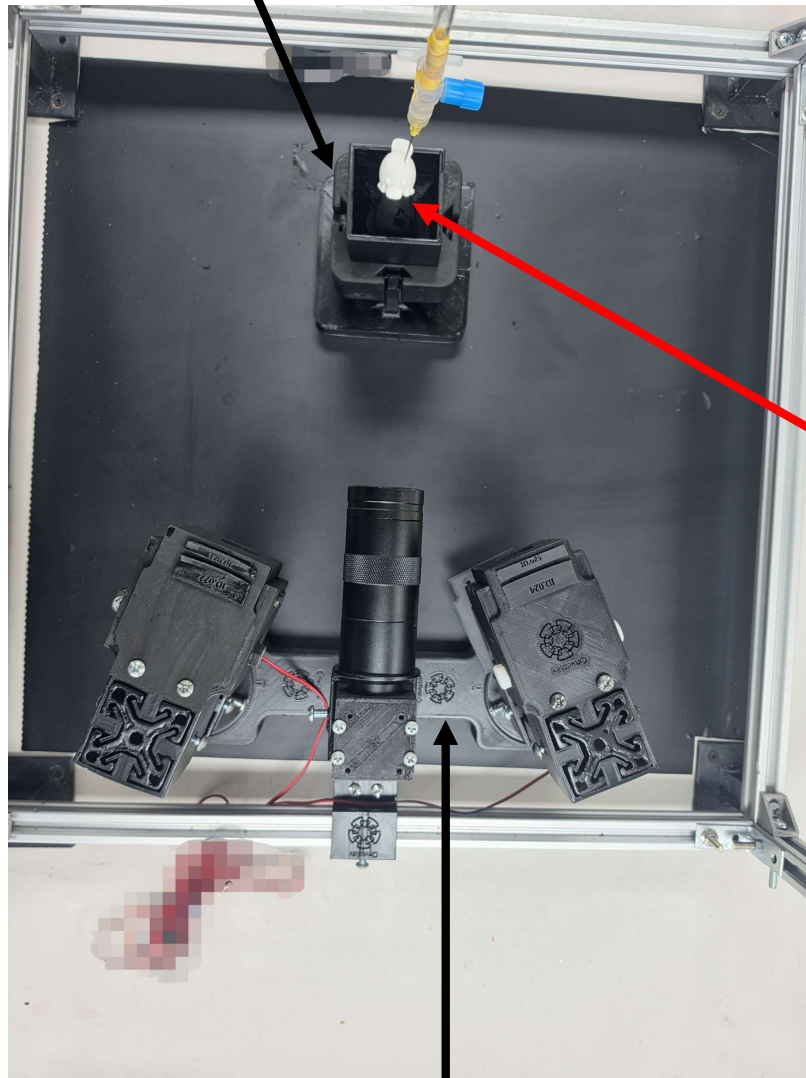


Illumination Control



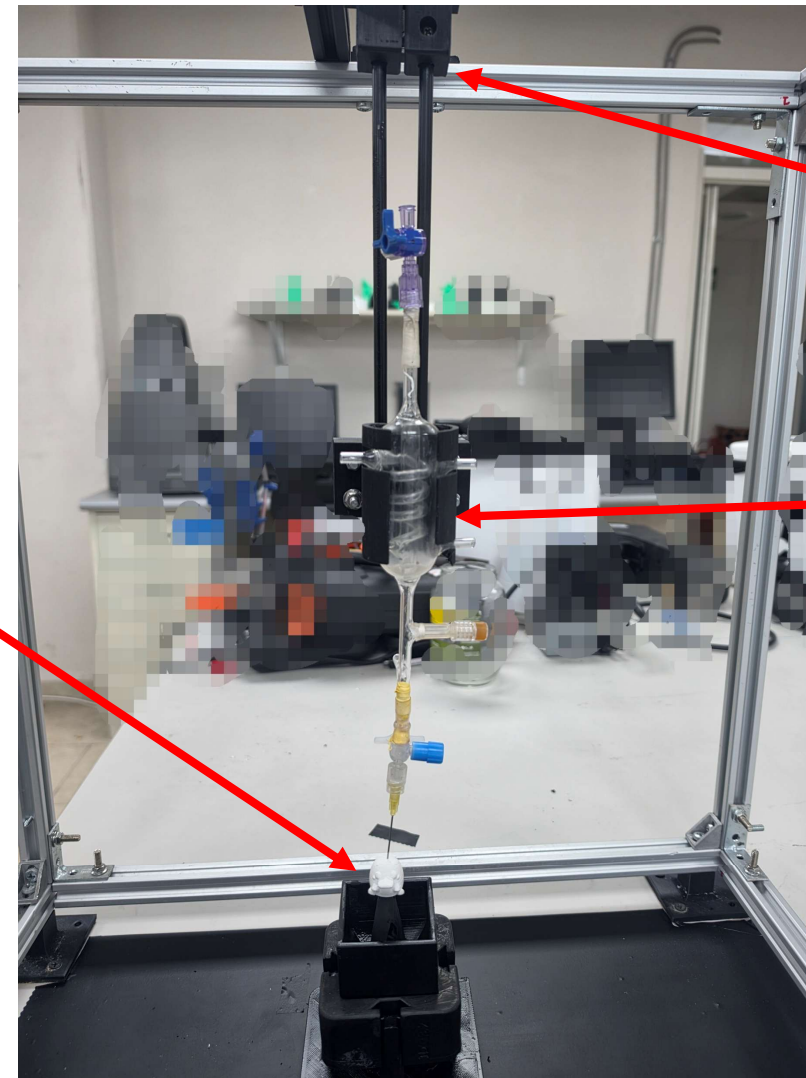


Drainage Base



Reference
Object

Optical System Basis



Base for the
serpentine to
move back
and forth

Base for the
serpentine