

## qNANO SYSTEM GA

### QN1-IQ-901 TO 906

Item no.	Description	Serial number	Quantity
1	Nanopore	QN1-IQ-902	1
2	Fluid Cell	QN1-IQ-903	1
3	Stage	QN1-IQ-904	1
4	VPM V2	QN1-IQ-905	1
5	Pressure Module	QN1-IQ-906	1

#### Finish

Refer to subassembly drawings

#### Material

Refer to subassembly drawings

#### Engineer

B. Glossop

#### Drafter

A. Abelentsev

#### Checker

N. Rutter

#### Date Drawn

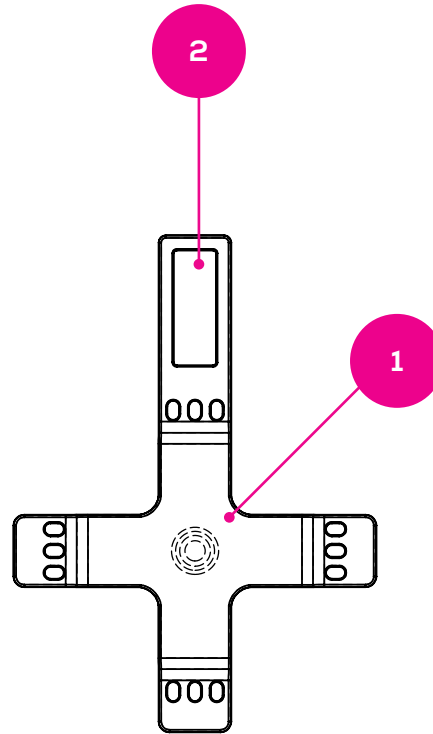
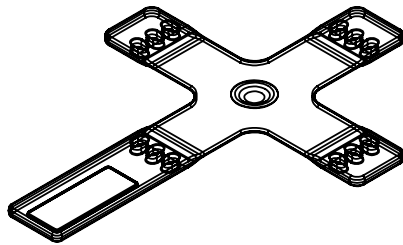
2017-03-24

Unless otherwise specified dimensions are in millimetres.

Tolerances are:

- X +/- 0.25 mm • X.x +/- 0.1 mm
- X.xx +/- 0.05 mm • Angular: +/- 0.1°

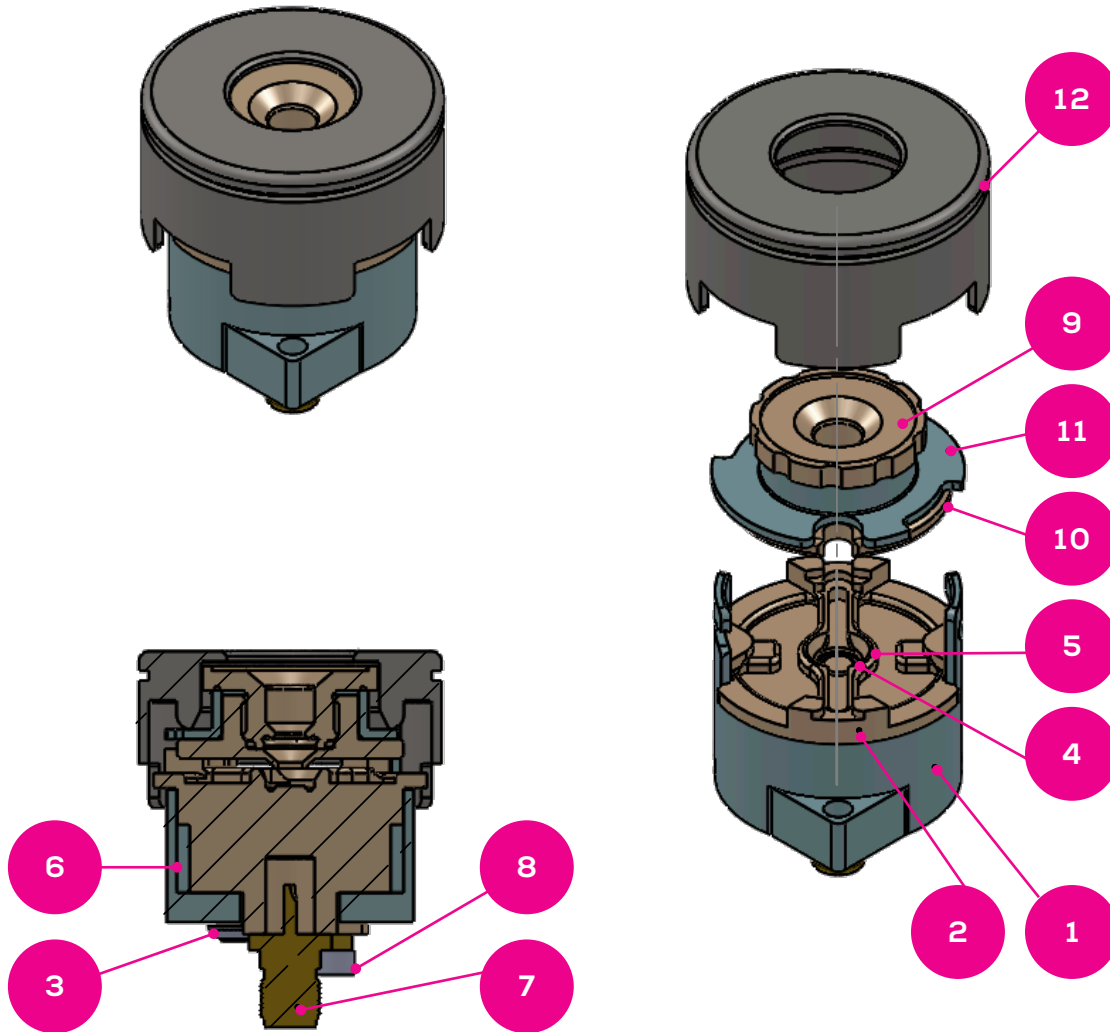
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Item no.	Description
1	Nanopore
2	Label

# FLUID CELL ASSEMBLY

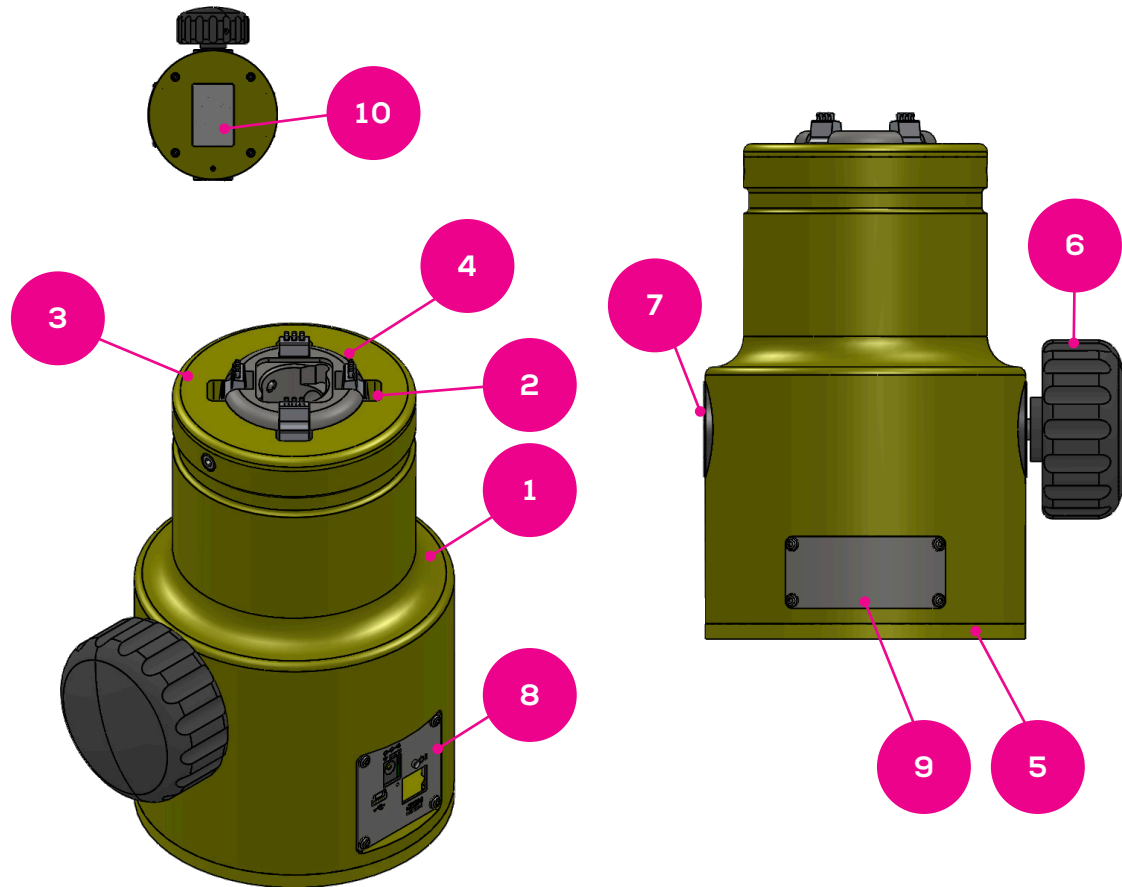
## QN1-IQ-903



Item no.	Description
1	Bayonet Shell
2	Bottom Manifold
3	M3x8 Skt Button Screw
4	Ag-Agcl paste
5	Silver Wire
6	Fluid Cell Spring
7	SMA Bulkhead Connector
8	M2.5x8 Socket Cap Screw
9	Electrode Retainer
10	Top Seal
11	Bayonet Lid
12	Shielding Lid

## STAGE ASSEMBLY

QN1-IQ-904



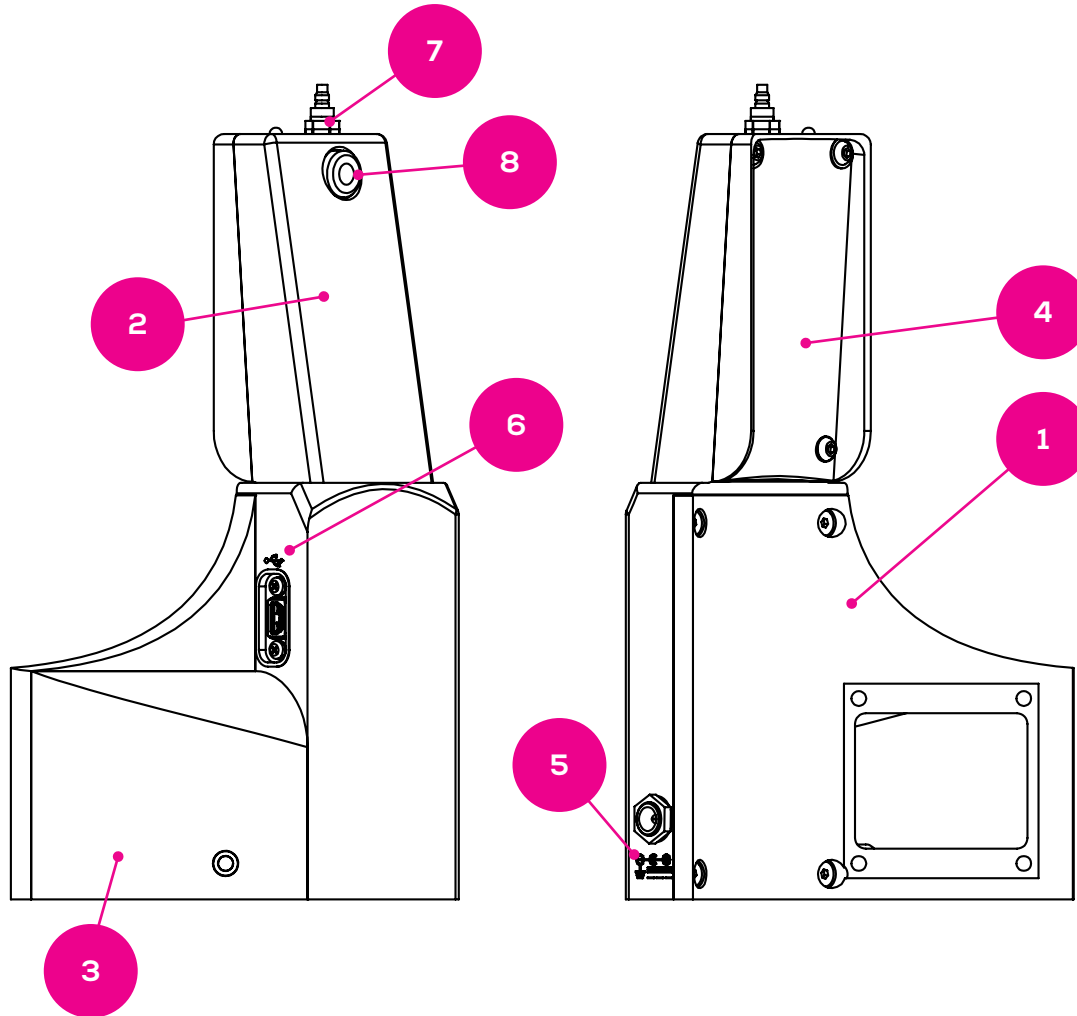
Item no.	Description
1	Base
2	Wedge
3	Top Cover
4	Central Shaft
5	Base Plate Cover
6	Handle
7	Encoder Cover
8	Back Plate
9	qNano Label
10	Compliance Sticker



## VPM ASSEMBLY

QN1-IQ-905

Item no.	Description
1	Pressure Stage Switch
2	Sliding Scale
3	Low Pressure Indicator
4	Carbon Fibre Shell
5	Base Plate
6	Vent Valve
7	Nozzle
8	Clear Tubing 4x2.5mm
9	Spring Ball Adjuster



## PRESSURE MODULE ASSEMBLY

### QN1-IQ-906

Item no.	Description
1	Support Scaffold
2	Enclosure
3	Cable Cover
4	Compartment Cover
5	12V DC Engraving Detail
6	USB Engraving Detail
7	Barb fitting for Tube
8	Manifold

**Notes unless otherwise specified:**

- 1 Features controlled by cad model. CAD model to have the same revision Level as this drawing
- 2 Part to be free of burrs and sharp Edges.
- 3 Materials and processes embodied in. This part must be RoHS compliant.