QUARTIS Propagation Station – Minimal 4 Tube Plant Holder

A simple way to keep your plantcuttings in one place.

QUARTIS is a small propagation holder for four tubes. The base has a soft, slightly textured feel, while the top plate stays more structured and open, letting the roots and water become part of the look.

It’s one of those pieces that doesn’t try too hard, but still ends up catching your eye.

Details

- Fits **4 tubes (20 mm diameter)**
- Two parts: **base + plate**
- The plate **clicks into the base**
- No glue needed

The holder fits a 20 mm diameter tube (150 mm tall glass tubes are in the photos) - **you can either use a purchased one or print your own from clear PETG.**

USA link: https://amzn.to/4mPdVaa

EU link: https://amzn.to/4mKyJPJ

Filament I used: Bambulab Matte PLA Bone White + Latte Brown

Before you print

To get the same look as in the photos (the visible infill on top and the textured base), you’ll need to adjust a few slicer settings.

There’s a **PDF included in the download** with everything set up.

Some slicers keep these options hidden by default, so make sure **advanced settings are enabled**.

Print settings

General

- Layer height: **0.2 mm**
- Infill: **15% gyroid**

Base

- Fuzzy skin: **Contour**
- Point distance: **0.4 mm**
- Thickness: **0.5 mm**

Plate

- Wall lines: **5**
- Top layers: **0**
- Bottom layers: **0**
- Infill: **30% (cross hatch or gyroid)**
- “Only one wall on top surfaces”: **Disabled**

Tubes

- PETG Printing Settings Material: PETG (required)
- Slow down - set volumetric speed to around 6 mm3/s
- Layer height: 0.16–0.2 mm
- Print mode: Vase mode – enabled
- Smooth vase: Enabled
- Line width (outer wall & top surface): 0.65 mm
- Top & bottom surface pattern: Concentric
- Flow ratio: 1.01–1.02
- Cooling: Max 30% or completely off (0%)