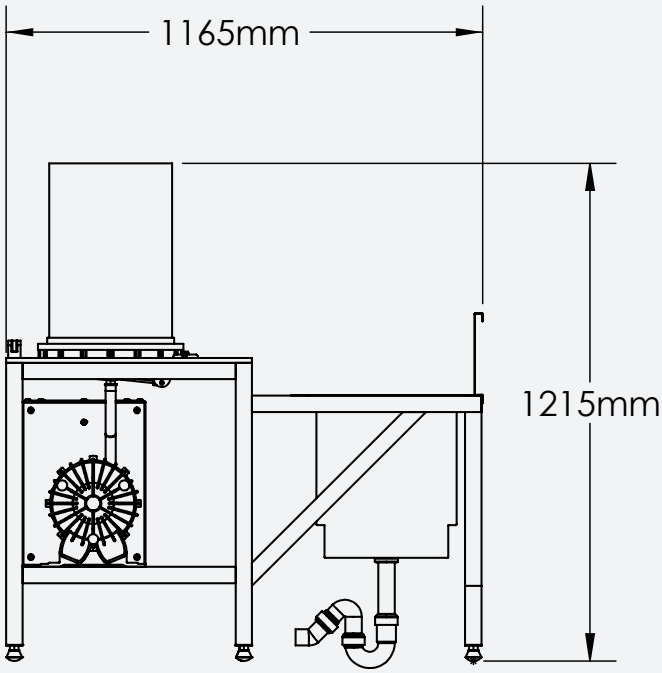
Lab Liquid Priming Unit SD-111110

The lab liquid priming unit operates on the principle of immersing seeds in an osmotic solution with a low water potential for a specific duration, thereby facilitating controlled water absorption while inhibiting root emergence. This technique promotes swift and uniform germination in a wide range of plant species.



Some Benefits:

- *Enhanced Germination:* Osmotic priming significantly improves the germination rates of seeds, ensuring a higher percentage of successful seedlings.
- *Uniform Emergence:* This technique promotes uniformity in seedling emergence, reducing the variability in growth stages within a crop.
- *Accelerated Growth:* Osmoprimed seeds exhibit faster initial growth, allowing crops to establish themselves more quickly in the field.
- *Stress Tolerance:* Primed seeds are better equipped to withstand environmental stressors such as drought, salinity, and temperature fluctuations.
- *Optimized Plant Stand:* Improved germination and emergence result in a more consistent plant stand, leading to higher crop yields.

Lab Liquid Priming Unit

SD-11110

Capacity:	
28 L per tube With 1-2-3-4 tubes possible	
Dimensions:	**Connections:**
1495 x 1165 x 1215 mm (LxWxH)	Drain connection 63 mm
Noise emission:	
± 75 dB(A) (measured without product)	
Electrical connection:	**Materials:**
200- 240 V (± 5%), 1 phases + 1 and ground, 50 / 60 Hz (other values available on request) Max. power consumption: 1 kW Connection value: 10 A	Electrostatic paint, The liquid contact surfaces consist of 304-grade Cr-Ni stainless steel and plexi tubes.
	Weight
CE	Net : ± 175kg With packaging ± 205kg
Including:	**Optional:**
	Tulle Bags