

SensorVials SV-PSt3-20mL



Do not use excessive force when tightening the screws of the Vial Adapter! Applying too much force might break the glass vials!



Do not use other glass vials with the Vial Adapter VA-20mL-Single, as too large glass vials might break and cause severe harm.

Please contact our service team at info@presens.de in case your application requires different vial formats.

The SensorVials SV-PSt3-20mL are 20 mL glass vials with integrated oxygen sensor foils for measurements at different places in the vial (e. g. liquid and headspace). An optical fiber is held in place at the respective position using the Vial Adapter VA-20mL-Single. 2 different Sensor Vials are available:

- For stirred applications (SV-PSt3-20mL-YST):
The distance between vial bottom and sensor is 10 mm. Thus, even large stirring bars (max. 8 mm diameter) do not harm the sensor.
- For non-stirred applications (SV-PSt3-20mL-NST):
The distance between vial bottom and sensor is 1 mm. Thus, measurements can be taken as near to the bottom as possible.



Fig. 1 SensorVials for non-stirred (left) and stirred (right) application



Fig. 2 SensorVial for non-stirred application with attached Vial Adapter

The dye in the sensor bleaches when exposed to light. Please recalibrate the sensor from time to time, especially if you illuminate the SensorVial for photosynthesis measurements. For illumination it is also recommended to mask the pink side of the sensor using black adhesive tape.

The SensorVials are autoclavable!