



METER

APPLICATION NOTE KSAT BOTTOM GASKET

Starting in November 2025, the KSAT will be delivered with a new bottom gasket and a new porous plate.

The new gasket has several advantages, including an improved seal of the sampling ring and preventing the porous plate from being pushed upward into the sample cylinder if the screw cap is overtightened.

HANDLING

IMPORTANT: Always ensure that the porous plate is inserted correctly into the gasket.

When positioned properly, the porous plate should overlap the bottom edge of the gasket by about 4 mm (see Figure 1).



Figure 1 Figure 1 Assembly of the KSAT bottom gasket

If this is not the case, check whether the plate is correctly oriented and seated between the two sealing layers of the gasket.

SETTINGS IN KSAT VIEW

The new porous plate has slightly different parameters compared to the traditional one, which were set to the default settings in the KSAT software. When using the new gasket, METER recommends adjusting the following parameters in the KSAT View software:

L_{plate_bottom} [cm] = 1.1
 $Construction\ Offset$ [cm] = -7.15
 K_{plate} [cm/d] = 10000

