

Water Vapor 20/a-P

Order No. 81 03 061

Application Range

Use in Aerotest Alpha, MultiTest med. Int.,
Aerotest Simultaneous HP

Standard Measuring Range: 20 to 250 / 35 to 500
/ 150 to

1500 mg H₂O/m³

Test Volume: 40 L / 20 L

Flow Rate: 4 L / min

Time for Measurement: 10 min. / 5 min. / 2.5
min.

Standard Deviation: ± 15 to 20 %

Color Change: yellow → red-brown

Ambient Operating Conditions

Temperature: 0 to 40 °C

Humidity: cf. measuring range

Pressure: The tube may only be
used for depressurized
compressed air

Reaction Principle

$\text{H}_2\text{O} + \text{SeO}_2 + \text{H}_2\text{SO}_4 \rightarrow \text{reddish brown reaction product}$

Cross Sensitivity

Alcohols and unsaturated hydrocarbons of high concentrations
may cause a diffused discoloration of the indicating layer.

