

## Test Discharge Chamber

## TDC 585



Conditioning chamber for filter media TDC 585

The harmonized testing standard ISO 16890-4 requires the conditioning of the test filter with vaporized isopropyl alcohol (IPA). To ensure high quality of these filter elements and for further development such conditioning may also be necessary for the filter media which are the basis for this products. For this purpose the conditioning chamber TDC 585 was developed. It is especially suitable for the conditioning of small filter elements and filter media. The product development results from the preceding Topas innovation TDC 584, the conditioning cabinet for complete filter elements. As filter media are significantly smaller, for the conditioning of these filter media a smaller conditioning volume is necessary. This also lowers the safety hazard. The safe operation of the conditioning chamber TDC 585 is also confirmed by an external safety report. However to fulfill this, it must be placed under an ATEX compliant fume hood.

### Advantages

- Conditioning with vaporized IPA, no dipping into the liquid phase
- Easy and safe handling of the conditioning process
- Technical solution for the reproducible adjustment of the liquid level and for the safe emptying
- Inspection window
- No power or pressurized air supply necessary

### Applications

- Conditioning in compliance with ISO 16890-4 (Determination of the minimum efficiency)
- Electrostatic discharge of filter media and small filter elements with vaporized IPA

### Technical Data:

Chamber volume for filter media	480 x 240 x 45 mm
Conditioning material	Iso-propyl-alcohol (IPA)
Dimensions (w x h x d)	550 x 282 x 270 mm
Weight	8 kg

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