

SEIFERT

Voltage Divider

for Stationary X-ray generators ISOVOLT Titan



General Information

The Voltage Divider is designed for reference voltage measurements of the High Voltage input to the attached X-ray tube.

The highly precise measuring resistors of this divider allow fine adjustments on the High Voltage, so that the stabilized output of the generator can be easily verified and adjusted if needed. The instrument will effectively help to keep X-ray output dose levels constant and reproducible.

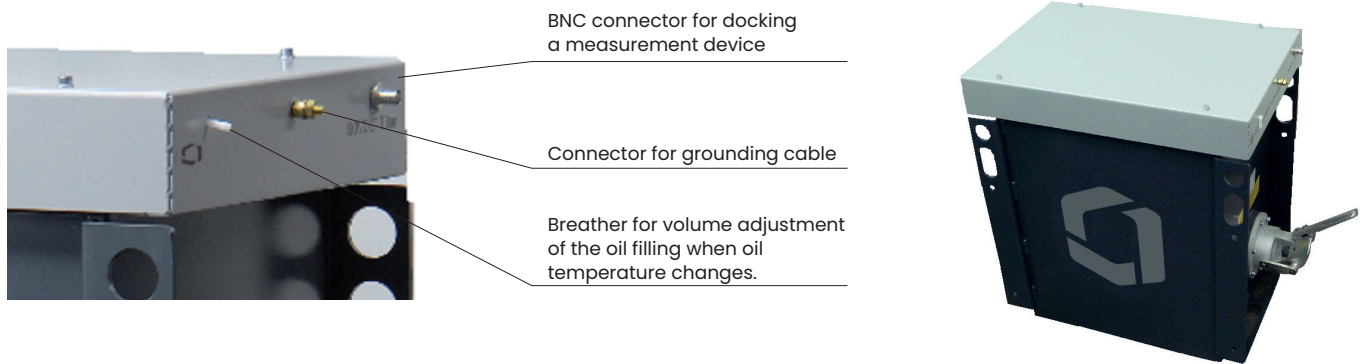
Independent Device certification



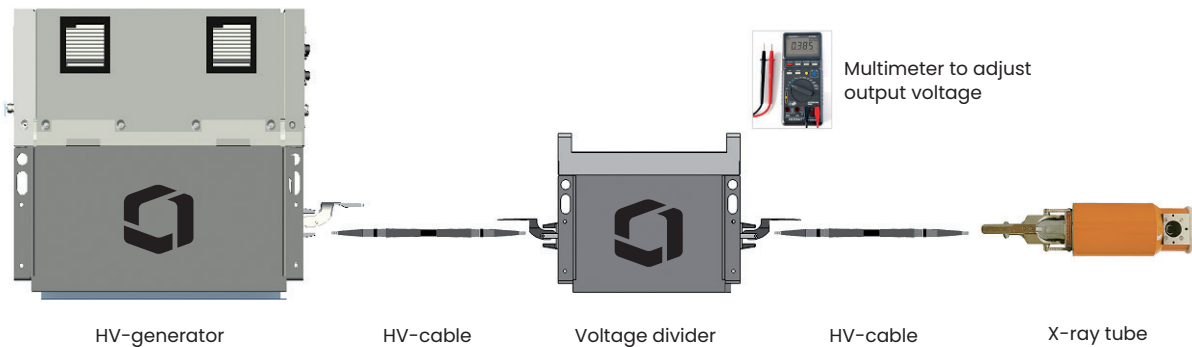
A separate optional PTB certificate certifies the devices technical values and capabilities.

Technical Data

High-Voltage Measuring Voltage Divider	
Voltage range	160 / 225 kV
Ratio	25000 : 1
Absolute error	< 1 %
Resistor ratings	2500 M Ω / 100 k Ω
HV-connection	2 x R24 Quick Lock
Temperature coefficient	Resistor <25 ppm / °C
Voltage coefficient	<0.5 ppm / Volt
Total input resistance	2500 M Ω
Total output resistance	100 k Ω
Insulation medium	highly cleaned isolation oil, Shell Diala
Dimensions	approx. 620 mm x 345 mm x 550 mm
Weight	approx. 100 kg



Schematic setup



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