



T 320



T 500




T 820

## Safety T-Line

The RUMED® Safety T-Line offers a variable program of cold/heat and environmental test cabinets with explosion-proof test chambers for zone 1. Choose from 5 sizes and a multitude of options.

The units of the Safety T-Line are suitable for safe storage of explosive materials, such as aerosols, or for tests with adhesives or paint – even if the storage tests might occasionally or temporarily cause an explosive atmosphere. Development of a permanent or long-term explosive atmosphere must be avoided by means of the option Technical Ventilation. The units are suitable for storage of material of the temperature classes T1, T2 and T3 of explosion group IIA and IIB+H2. All appliances of the T-Line have successfully passed a demanding type examination according to annex III of the ATEX 2014/34/EU. RUMED® is a manufacturer of explosion-proof equipment being certified according to ISO 9001:2015. This involves periodical inspections (audits) by a notified authority and a highly effective quality management system of worldwide importance. Optionally available with extension of the temperature range to -20 °C/+80 °C, humidification and dehumidification and further options. Configure your test equipment, which is the most suitable for your requirements.

### General view of the most important advantages:

- Test room  II 2/- G Ex db eb h [ib] mb IIB+H2 T3 Gb
- 5 Test room sizes: 320 l to 1.640 l
- Test room and external housing of solvent-resistant stainless steel
- Recirculating air fan for good temperature distribution in space
- Intuitive handling by means of the CONTROL2015 touch
- Temperature ranges from -20 °C to +80 °C
- Humidification and dehumidification possible
- Possibility of calibration and validation
- Robust and extremely durable






T 1000



T 1640

## Technical Data

Type	T 320	T 500	T 820	T 1000	T 1640
<b>Test room explosion-proof  II 2/- G Ex db eb h [ib] ib mb IIB+H2 T3 Gb</b>					
Volume (l)	320	500	820	1000	1640
Minimum temperature	0 °C	0 °C	0 °C	0 °C	0 °C
Maximum temperature	+35 °C	+35 °C	+35 °C	+35 °C	+35 °C
Temperature deviation in time ( °C)	±0,5 °C	±0,5 °C	±0,5 °C	±0,5 °C	±0,5 °C
Height (mm)	990	1500	1500	1500	1500
Width (mm)	610	610	610	2 x 610	2 x 610
Depth (mm)	585	585	935	585	935
Number of shelves (standard delivery scope)	3	4	4	8	8
Maximum load per shelf (kg)	25	25	25	25	25
<b>Unit</b>					
Height (mm)	1600	2105	2105	2105	2105
Width (mm)	760	760	760	1520	1520
Depth (mm)	900	900	1250	900	1250
Electric connection (V/Hz)	230/50	230/50	230/50	230/50	230/50
<b>Options</b>					
Additional shelf	T0320-01	T0500-01	T0820-01	T1000-01	T1640-01
Additional shelf, reinforced (maximum load per shelf 50 kg)	T0320-02	T0500-02	T0820-02	T1000-02	T1640-02
Glazed panel door, no pane heating	T0320-03	T0500-03	T0820-03	T1000-03	T1640-03
Extension of temperature range down to -20 °C	T0320-04	T0500-04	T0820-04	T1000-04	T1640-04
Extension of temperature range up to +80 °C *	–	T0500-05	T0820-05	T1000-05	T1640-05
Speed rate in temperature change 1 °C/min (0 °C to +35 °C)	T0320-06	T0500-06	T0820-06	T1000-06	T1640-06
Speed rate in temperature change 1 °C/min (-20 °C to +80 °C)	T0320-07	T0500-07	T0820-07	T1000-07	T1640-07
Ultrasonic humidification + dehumidification **	T0320-20	T0500-20	T0820-20	T1000-20	T1640-20

\*Electric connection is then 400 V/230 V/50 Hz, unit depth is then + 225 mm

\*\*Unit depth is then +160 mm, removable for transportation