

# Technical Questionnaire U T-A

for configuration of climatic testing cabinets and special testing systems



Address:	
Contact:	Telephone:

Intended purpose of system \_\_\_\_\_  
 \_\_\_\_\_

		Additional details
<b>1. Desired test space dimensions</b> Height: _____ mm Width: _____ mm Depth: _____ mm Similar dimensions permissible: yes/no	<b>2. Door window</b> Normal <input type="radio"/> Width: _____ mm Height: _____ mm	Specimen(s): _____ Number: _____ Pce Dimensions/pce. Height: ca. _____ mm Width: ca. _____ mm Depth: ca. _____ mm Weight/pce _____ kg
<b>3. Lighting</b> Normal <input type="radio"/> Sunlight <input type="radio"/> _____ lx UV-lamp s <input type="radio"/> IR-lamp s <input type="radio"/> Desired type of lamp _____		Material of specimens _____ _____ _____
<b>4. Duct</b> _____ pce. à 50mm Ø _____ pce. à 100mm Ø Normal place of installation: side panel, otherwise please enclose sketch		<b>Sketch :</b> _____ _____ _____
<b>5. Temperature range</b> _____ °C to _____ °C Temperature constancy in time ± _____ K in space with/without load ± _____ K Heat load in test space _____ kW, at _____ °C Cooling down rate with/without thermal load _____ K/min. between _____ °C and _____ °C Heating up rate with/without thermal load _____ K/min. between _____ °C and _____ °C Cooling down rate with/without specimen(s) _____ K/min. between _____ °C and _____ °C Heating up rate with/without specimen(s) _____ K/min. between _____ °C and _____ °C		
<b>6. Climatic range</b> _____ °C to _____ °C Heat load in test space _____ kW, at _____ °C and _____ % r.h. Temperature constancy ± _____ K Humidity range with/without thermal load _____ % r.h. to _____ % r.h. Humidity constancy with/without thermal load ± _____ % r.h. Dewpoint temperature range _____ °C to _____ °C Dewpoint temperature constancy ± _____ K		

**7. Place of installation**

Height: \_\_\_\_\_ m

Inside building, floor \_\_\_\_\_  Width: \_\_\_\_\_ m

(if possible, enclosed sketch or building plan)  Depth: \_\_\_\_\_ m

Ambient temperature max. \_\_\_\_\_ °C min. \_\_\_\_\_ °C

Where is the additional machine unit to be located? \_\_\_\_\_ m (line length)

Max. sound power level \_\_\_\_\_ dB(A) at 1 m distance

With air-cooled machine Condenser is to be placed at a distance of \_\_\_\_\_ m cable length

**Transport + installation :**

Largest possible access dimensions (door opening)

Height: \_\_\_\_\_ m

Width: \_\_\_\_\_ m

**8. Measuring and recording**

	Measuring	Recording
Temperature	<input type="radio"/>	<input type="radio"/>
Humidity	<input type="radio"/>	<input type="radio"/>
Light intensity	<input type="radio"/>	<input type="radio"/>
Pressure	<input type="radio"/>	<input type="radio"/>

Storage and transport from place of unloading to final site

Customer

Vötsch Industrietechnik (please include drawing)

**9. Control (set value)**

	Fixed value	Change	Programming unit	Interfaces
Temperature	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Humidity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Light intensity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pressure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Control via PC	<input type="radio"/> 1 system		<input type="radio"/> _____ systems	

max. distance between PC and system(s) \_\_\_\_\_

Provision of unskilled labour and transport facilities (crane etc.) by

Customer

Vötsch Industrietechnik

**10. Vibration**

Provided shaker: \_\_\_\_\_

**11. Spraying**

Fog  Aerosol

Rain  Quantity? \_\_\_\_\_

**12. Injection of gas**

	Type of gas	Type of gas
Concentration	_____	_____
Quantity	_____	_____

**13. Gas- or water vapour dissipation from specimens**

Type of gas \_\_\_\_\_

Quantity \_\_\_\_\_

**14. Energy available ?**

Mains supply 230/400V, 50 Hz	<input type="radio"/>	max. _____ kVA connected load
Other voltage	<input type="radio"/>	_____
Tower water	<input type="radio"/>	_____ °C / _____
Town water	<input type="radio"/>	_____ °C / _____
Re-cooled water	<input type="radio"/>	_____ °C / _____ °C
Pumped cold water	<input type="radio"/>	_____ °C / _____ °C
Pumped hot water	<input type="radio"/>	_____ °C / _____ °C
Steam	<input type="radio"/>	_____ °C / _____ bar
Deminerilised water for humidification	<input type="radio"/>	
Compressed air	<input type="radio"/>	_____ bar

**15. Pressure range for low/high pressure testing systems**

\_\_\_\_\_ mbar to \_\_\_\_\_ mbar

Pressure range for temperature test s \_\_\_\_\_ mbar to \_\_\_\_\_ mbar

Pressure range for climate testing \_\_\_\_\_ mbar to \_\_\_\_\_ mbar

Pressure constancy ± \_\_\_\_\_ mbar / ± \_\_\_\_\_ %

**16. Desired accessories**

\_\_\_\_\_

**17. Special requirements (standards etc.) :**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_