Technical Questionnaire UT-A

for configuration of climatic testing cabinets and special testing systems

Address:

Contact: Telephone:

Intended purpose of system _____

_____

1. Desired test space dimensions

Height:_____ mm

Width: _____ mm

Depth: _____ mm

Similar dimensions permissible: yes/no

2. Door window

Normal ❍

Width: _____mm

Height: _____mm

3. Lighting

Normal	❍
Sunlight	❍ _____lx
UV-lamps	❍
IR-lamps	❍
Desired type of lamp	_____

4. Duct

_____ pce. à 50mm ∅

_____ pce. à 100mm ∅

Normal place of installation: side panel, otherwise please enclose sketch

5. Temperature range _____°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

6. Climatic range _____°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	

Additional details

Specimen(s):

Number: Pce.

Dimensions/pce.

Height: ca. _____ mm
Width: ca. _____ mm
Depth: ca. _____ mm
Weight/pce. _____ kg

Material of specimens

_____

_____

_____

Sketch:

7. Place of installation

Inside building, floor _____ ❍

(if possible, enclosed sketch or building plan) ❍

Height: _____ m

Width: _____ m

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

8. Measuring and recording

	Measuring	Recording
Temperature	❍	❍
Humidity	❍	❍
Light intensity	❍	❍
Pressure	❍	❍

9. Control (set value)

	Fixed value	Change	Programming unit	Interfaces
Temperature	❍	❍	❍	❍
Humidity	❍	❍	❍	❍
Light intensitiy	❍	❍	❍	❍
Pressure	❍	❍	❍	❍

Control via PC ❍ 1 system ❍ ____ systems

max. distance between PC and system(s) _____

10. Vibration

Provided shaker:

_____

11. Spraying

Fog ❍ Aerosol ❍

Rain ❍ Quantity? _____

12. Injection of gas

Type of gas _____ Type of gas _____

Concentration _____ Concentration _____

Quantity _____ Quantity _____

13. Gas- or water vapour dissipation from specimens

Type of gas _____

Quantity _____

14. Energy available?

Mains supply 230/400 V, 50 Hz	❍	max. _____ kVA connected load
Other voltage	❍	_____
Tower water	❍	_____ °C /
Town water	❍	_____ °C /
Re-cooled water	❍	_____ °C / _____ °C
Pumped cold water	❍	_____ °C / _____ °C
Pumped hot water	❍	_____ °C / _____ °C
Steam	❍	_____ °C / _____ bar
Demineralised water for humidification	❍	
Compressed air	❍	_____ bar

15. Pressure range for low/high pressure testing systems _____ mbar to _____ mbar

Pressure range for temperature tests _____ mbar to _____ mbar

Pressure range for climate testing _____ mbar to _____ mbar

Pressure constancy ± _____ mbar / ± _____ %

16. Desired accessories

_____

17. Special requirements (standards etc.):

_____

_____

_____

_____

_____

Signature: Date:

_____ _____

Transport + installation:

Largest possible access dimensions (door opening)

Height: _____ m

Width: _____ m

Storage and transport from place of unloading to final site

❍ Customer

❍ Weiss Umwelttechnik (please include drawing)

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

❍ Customer

❍ Weiss Umwelttechnik