

LINN HIGH THERM GMBH

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Internet: <http://www.linn.de> E-mail: info@linn.de**QUESTIONNAIRE FOR MICROWAVE in the food industries**

C U S T O M E R: Company: _____

Contact Person: _____

Department: _____

Street: _____

City: _____

Country: _____

Phone: _____ Fax: _____

www. _____ e-mail: _____

Quotation can not be prepared without having technical data inside the bordered parts.

A) Intended APPLICATION::

Continuous operation: <input type="radio"/>	Material throughput [kg/h]: _____
Batch/Charge operation: <input type="radio"/>	Min. Chamber volume [m ³]: _____
	Weight of Charges [kg]: _____
	Charges per hours [1/h]: _____
Heating of product already packaged	<input type="radio"/> no <input type="radio"/> yes
if yes, packaging material _____	
if yes, packaging material: integrally <input type="radio"/>	perforate <input type="radio"/>

Research & Development: Production:

B) MATERIAL DESCRIPTION

Material, name:: _____	
solid <input type="radio"/>	Dimensions: _____
pasta-like <input type="radio"/>	
or liquid <input type="radio"/>	Density [g/cm ³]: _____
or powder <input type="radio"/>	Bulk density [kg/l]: _____

Specific heating capacity [kJ/(kg·K)]: _____

Max. permitted temperature of the material [°C] _____

Max. allowance temperature difference in product [°C]: _____

Rel. Dielectric coefficient: _____ Loss factor tan δ : _____

C) FURNACE ATMOSPHERE

Does material release harmful aggressive gases/vapours?

no yes if yes which

Ventilation: no sterile no sterile
 with filter without filter
 Protective gas feeding: no yes, gas _____
 Vacuum required no yes how many mbar _____ cold
 how many mbar _____ warm

D): Description of process:

For Example: heating, drying,sterilisation, thawing, melten

Humidity before heating of the material [%]: _____

After heating of the material [%]: _____

E) CONTROL

Adjustment of MW-power: manual with controller

If controller is required, please indicate.

Which physical size shall determine control?

Temperature Time other: _____

allowed tolerance: _____

F) AVAILABLE INSTALLATION AT CUSTOMER'S

mains 230 V, 1 phase, N, PE

mains 400 V, 3 phases, N, PE

mains 220 V, 3 phases, N, PE

other voltage, if yes which _____

fluctuations in the mains voltage: increasing _____ decreasing _____

If technical data about the material are available, please send it together with the questionnaire.

Date:

Signature: