

# Heat requirement calculation – that's part of our service!

We offer you our computer-aided calculation for effective and efficient planning for heating your container or treatment equipment. The result enables you to choose the optimum heating solution for your needs and will help you to plan cost-effectively.

## 1. Sender

Customer code: \_\_\_\_\_ Date: \_\_\_\_\_  
Company: \_\_\_\_\_  
Name: \_\_\_\_\_  
Street: \_\_\_\_\_  
State/Postcode/Town: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
eMail: \_\_\_\_\_

## 2. Treatment

Process liquid: \_\_\_\_\_  
Chemical composition: \_\_\_\_\_  
pH value: \_\_\_\_\_ Concentration (%) \_\_\_\_\_

### Please add for the material selection:

Safety data sheet      Technical data sheet

## 3. Tank

Material: \_\_\_\_\_  
Side thickness tank (mm): \_\_\_\_\_  
Insulation:                yes        no  
Insulation material: \_\_\_\_\_  
Insulation thickness (mm): \_\_\_\_\_  
Place of installation:    indoors        outside  
Fume extraction (m/s):    yes                no  
Lid (%)                        yes                no

### Tank dimensions in mm (clear values):

 Length: \_\_\_\_\_ Width: \_\_\_\_\_ Height: \_\_\_\_\_  
 Diameter: \_\_\_\_\_ Height: \_\_\_\_\_  
Storage Tank:            horizontal    vertical    no  
Liquid level (mm):            min: \_\_\_\_\_ max: \_\_\_\_\_

## 4. Temperature

Ambient temperature (°C): \_\_\_\_\_  
Working temperature (°C): \_\_\_\_\_  
Required heating up time (h): \_\_\_\_\_

## 5. Process

Material to be treated: \_\_\_\_\_  
Weight per hour (kg/h): \_\_\_\_\_

## 6. Electrical data and Installation

Supply voltage (V): \_\_\_\_\_  
1-Phase-AC      3-Phase-AC  
Anti-Burn-System:        yes        no  
Arrangement in Tank:    vertical    horizontal  
Fixing:            flanged    screwed    welded

## 7. Monitoring equipment

Temperature limiter  
Level control (Dry-running protection)

## 8. Control equipment

Temperature controller                No. of set points:    1    2  
Level controller    No. of switching points:    1    2    3    4

### Enter switching points here:

