



Be smart with the MAIER SMARTSERVICE app

Get in touch with us quickly and smartly in the age of ,Industry 4.0'. Just scan the products QR code, and you'll get

- Further information on the product with the MAIER SmartService app
- Search for or order a replacement part
- Request a technician for maintenance task
- Search for or order a replacement product

If the enhanced SmartService function is integrated, the system will recommend maintenance and visualise this on the panel.



SWABIAN QUALITY MADE IN GERMANY

We guarantee high-quality products with state-of-the-art measuring and testing equipment. Testing protocols also in accordance with AMS2750E. We are certified according to DIN ISO 9001:2008.



tservice.de 3

SFRVIC

Herzlich Willkommen im

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Further information on: www.maier-elektrotechnik.de



Individual Industrial Hotplates and Heating Systems





- HOT PLATES
- HOT TABLE
- HOT SPIGOTS
- REGULATION TECHNOLOGY

Perfect for your Application - as single components, or as complete system solution!

Our industrial hot plates and heating systems are used in the automotive, chemical, plastic processing and food products industries as well as in engineering and in the laboratory and testing institutions and in many other fields.



2 Energy-efficient due to surrounding thermal insulation 3 Intuitive operation with MAIER WT4.0 4 Storage areas for handling by customers

Project Planning and Manufacturing

Heat should only be where it is needed. The main issues for our project planning are:

What needs to be heated? In what period of time? At which temperature? What level of temperature do you need? Under which environmental conditions?

What level of energy-efficiency?

After assessing these issues, our project planning team will decide whether the specific solution should be a hot plate, heating spigot, hot stamp, hot table, or heating system with control and regulation technology.





Hot plate with optic sensors – wi for very quick heating of 16 pinior



Hot table for heavy loads

hot plate - for high temperatures



ssure-resistant stainless steel

Heat bar

up to 250

Hot Plates

different temperature ranges and in a wide variety of mechanical and electrical designs. Here are some examples of designs:

- As a flat radiator or pressure-resistant hot plate
- With refined surface and thermal insulation
- Also with integrated cooling system
- working height.
- technology
- Also available with hood

Energy-efficient **PID** Temperature Regulation

You will receive compact PID temperature regulation equipment from stock. Moreover, with our modularly assembled MAIER WT4.0 control and regulation technology, we can offer you the following:

- 'Industry 4.0' communication
- Energy efficiency
- Ergonomic handling



Compact R14 PID **Temperature Regulator**

Simple to operate and equipped with outstanding regulation abilities, self-optimization function, excessive temperature limitation, network cable and plug, is ready to operate and ideal for standard use.



Intuitive operation with MAIER WT4.0 offers the following advantages:

- Important process parameters at a glance such as target and current temperatures, energy use level etc. Weekly time switch
- Password-protected parameter settings
- Auto monitoring function, reset function and error history

MAIER WT4.0 can be upgraded on a modular basis:

- Programme regulation and receipt management for several heating circuits
- Wide variety of communication interfaces Remote maintenance module
- Enhanced SmartService function for the system's integrated maintenance
- recommendation

We manufacture hot plates for

HTP320/HTP420 industrial hot table – in a variety of different designs ilable from stock



Hot Tables

Hot tables are hot plates with thermally insulated substructures, integrated control and regulation technology designed at a suitable

For heavy or light weights One or more heating zones Modular control and regulation



Heating station for coated cylinders – for s reliable and energy-efficient heating



Hot spigots for warming gear parts - for reliabl



Four hot spigots in ergonomic posit LED status displays for each spigo

Hot Spigots

Hot spigots are directly adjusted to fit the component that needs warming, offering a speedy, energy-efficient heating process.

- Tailor-made design
- For manual or automatised handling



PID cascade regulation



Application example: 4-part heating station with MAIER WT4.0

Specialist feed lines are efficiently welded to each other at four heating stations with a high temperature accuracy. Switch cabinet with multichannel PID programme regulation, easy operation with the touch panel, USB interface for process data storage.