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COMPANY PROFILE

LAC, s.r.o. has been a successful manufacturer and seller of industrial furnaces, dryers and refractory castable shapes for three decades. It operates both on domestic and foreign markets. Since its foundation in 1992, the company has developed into a leading global manufacturer and has delivered as many as 20,000 furnaces and dryers. The products are used in many technological processes of heat treatment, especially:

- heat treatment of ferrous and non-ferrous metals
- alloy technologies for non-ferrous metals
- heat treatment and chemical- heat treatment metal processing
- low-temperature applications
- laboratory technologies
- production of industrial and hobby ceramics







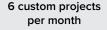


The LAC manufacturing program includes the manufacture of a complete standard range of furnace and dryer lines, and also accommodates the individual requirements of the customer through the design and manufacture of customized furnaces tailor-made to meet customer specifications. The LAC development and design office works in tandem with a team of service technicians to ensure quality service to customers and pave the way for future company growth. Progress in technological development is proven by orders for the automotive, aerospace and defense industries that meet the demanding standards of AMS 2750 E, NADCAP, CQI-9. In 2018, the construction of new LAC complex in Židlochovice worth CZK 220 million was completed. Investments in the form of a new furnace and dryer production hall and office space allow us to streamline the production process and produce even higher quality products for our customers.

A significant part of the LAC business is the manufacture of refractory castable shapes, the bulk of which are used in the manufacture of industrial furnaces. Refractory castable shapes are also used by metallurgy companies and manufacturers of boilers for burning wood, pellets, and biomass. The investments in the extension of the premises for production of refractory castable shapes at Hrušovany nad Jevišovkou have reached a total of CZK 67 million.

The company also supplies heating elements, refractory and insulation materials, regulating elements, and reconstruction of furnaces, heating systems and switchboards to its customers.







Almost 20,000 furnaces manufactured



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FURNACES FOR CERAMICS AND GLASS

In ceramic and glass segment LAC company produces more than 200 furnaces per year.



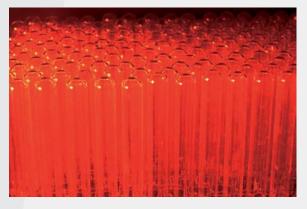














We know that you appreciate simple operation, easy service and long service life for ceramic furnaces. The strengths we place the most emphasis on. And we are glad that our equipment for firing ceramics and fusing or melting glass make art enthusiasts, children in schools or even artists in art workshops happy. They also work reliably in large plants and operations.

This top loading kiln has been a proven choice for years, for both "hobby" ceramics and professional ceramicists who require top loading. Its circular shape and design ensure an even temperature distribution in the working chamber, improving the quality of firing and extending the life of the kiln. The use of top-quality insulation materials reduces electricity consumption. The lid with gas struts and good workshop quality contribute to safe and reliable operation. The kiln shell is made from grounded stainless steel sheet and the temperature contoller can be selected from the available options.



STANDARD KILN EQUIPMENT:

- Holder for fixing the temperature controller and selected type of programmable temperature controller (HTH8 or Bentrup)
- Resistance heating (coils) inserted into horizontal grooves in the side walls
- Stable suspension of the kiln lid with gas strut and lid limit switch for safe opening of the kiln
- "S" type thermocouple
- Contactless switching relay (smooth and noise-free operation, minimal interference with surrounding equipment)
- Ventilation chimney preventing condensation of vapours during firing
- Manually operated flap for controlling the air supply in the bottom of the kiln



Simple operation and installation



Selected furnaces immediately in stock



Shipment from 3 weeks



Warranty 36 months

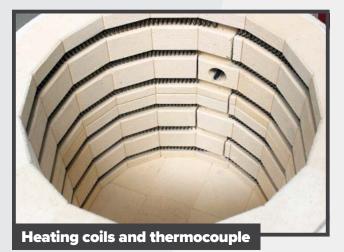


Instant technical support

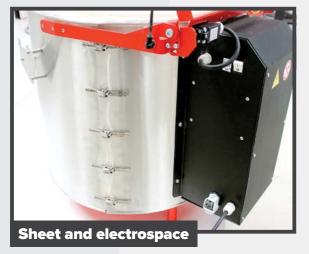
- Double rotating wheels with brake for easy handling of the kiln

 Interlayer plates are used to protect the kiln bottom or build floors for firing on multiple floors (cordierite-mullite material)

- Ceramic interlayer spacing columns to build floors











M top loading kilns are manufactured in a comprehensive series of 7 sizes (38-226 I) with a supply voltage of 230 V and 400 V. Electric resistance heating is provided by heating coils inserted into horizontal grooves in the bricks of the kiln shell.

We make these furnaces also in the MGF 30 version as lid heated fusing furnaces for maximum temperature of 900 $^{\circ}$ C. This furnace is suitable especially for all "hobby" production of bended and sintered glass, also for fusing glass treatment.

| Туре | Tmax** | Recommended operating temperature range | Volume | External dimensions (D×d×h)* | Internal dimensions (D×h) | Heating power | Weight | Power socket | Protection | Voltage |
|----------------|--------|---|--------|---------------------------------|------------------------------|------------------|--------|-----------------|------------|---------|
| | °C | °C | I | mm | mm | kW | kg | typ | Α | V |
| M 30/13 | 1320 | 700-1250 | 38 | 560×724×620 | 374×345 | 3,5 | 60 | Schuko | 16/1 | 230 |
| M 45/13 | 1320 | 700-1250 | 46 | 598×764×620 | 412×345 | 4,5 | 68 | CEE16A | 16/3 | 400 |
| M 45/13 (230V) | 1320 | 700-1250 | 46 | 598×764×620 | 412×345 | 3,5 | 68 | Schuko | 16/1 | 230 |
| M 60/13 | 1320 | 700-1250 | 61 | 598×764×730 | 412×458 | 5,5 | 71 | CEE16A | 16/3 | 400 |
| M 60/13 (230V) | 1320 | 700-1250 | 61 | 598×764×730 | 412×458 | 3,5 | 71 | Schuko | 16/1 | 230 |
| M 100/13 | 1320 | 700-1250 | 108 | 729×901×730 | 550×458 | 7,5 | 100 | CEE16A | 16/3 | 400 |
| M 150/13 | 1320 | 700-1250 | 150 | 824×998×730 | 647×458 | 8,5 | 120 | CEE16A | 16/3 | 400 |
| M 160/13 | 1320 | 700-1250 | 164 | 729×901×961 | 550×690 | 9,5 | 122 | CEE16A | 16/3 | 400 |
| M 220/13 | 1320 | 700-1250 | 226 | 824×998×961 | 647×690 | 11 | 145 | CEE16A | 16/3 | 400 |

^{*} D – diameter of the cylindrical body of the kiln, d – depth including electrical space, h – height of closed kiln including legs without wheels.

^{**} Tmax is the maximum temperature which can be attained by the kiln, but is not suitable for long-term operation.

A more economical version of chamber kiln designed for firing both decorative and industrial ceramics, heat treatment of glass and firing of decorations.

The KE kiln can make your work easier. This kiln's shape and design ensure perfect temperature distribution and the option of quick run-up to the required temperature. The kiln's shell is made of glossy stainless steel sheet.

Simple construction that significantly affects the price

Top-quality insulation materials (low energy consumption, smooth run-up)

Air-cooled shell made from a glossy stainless steel sheet



STANDARD KILN EQUIPMENT:

- Ht40AL programmable temperature controller with high accuracy (1 programme: 2x run-up, 2x dwell)
- Resistance heating (heating spirals) from three sides (kiln side and floor) or five sides depending on type
- "S" type thermocouple
- Solid state relay (smooth and noise-free operation, minimal interference with surrounding equipment)
- Slide valve for controlling air intake
- Ventilation chimney preventing condensation of vapours during firing
- Limit switch for safe opening of the furnace doors
- Manually-operated door opening to the left



Simple operation and installation



Selected furnaces immediately in stock



Shipment from 6 weeks



Warranty 24 months



Instant technical support

- HtCeramic controller (20 programmes with 15 steps each)
- Klln stand
- Kiln adapter for drying of charge before its placement in the furnace
- Interlayer plates to protect the kiln bottom or build floors (cordierite-mullite material)
- Ceramic interlayer spacing columns to build floors
- HtMonit EV set (include software + interface)
- Optimisation of the temperature field for compliance with DIN 17052-1 ΔT 20 °C

After consulting, we offer also other possibilities of modification of your equipment according to your requirements.





| Туре | Tmax** | Recommended operating temperature range | Number of heating sides | Volume | External dimensions (w×h×d)* | Internal dimensions (w×h×d) | Heating power | Weight | Voltage | | Max. load capacity of bottom |
|-----------|--------|---|-------------------------------|--------|------------------------------------|-----------------------------------|------------------|--------|---------|------|------------------------------------|
| | °C | °C | pcs | 1 | mm | mm | kW | kg | V | Α | kg |
| KE 125/12 | 1280 | 700-1200 | 3 or 5 | 125 | 910×910×1040 | 500×500×500 | 9 | 180 | 400 | 16/3 | 80 |
| KE 250/12 | 1280 | 700-1200 | 3 or 5 | 275 | 1060×1060×1190 | 650×650×650 | 14 | 260 | 400 | 25/3 | 120 |
| KE 500/12 | 1280 | 700-1200 | 3 or 5 | 504 | 1110×1220×1450 | 700×800×900 | 19 | 390 | 400 | 32/3 | 300 |

^{*} With regulator and door closing mechanism disassembled. The stand height for all types is is 540 mm.

^{**} Tmax is the maximum temperature which can be attained by the kiln, but is not suitable for long-term operation.

K front loading kiln

Do you need to burn a larger amount of decorative or industrial ceramics? The K kiln is ideal for use in the ceramics industry. It can burn a large number of pieces, saving you time and money. This kiln's shape and design ensure perfect temperature distribution and the option of quick run-up to the required temperature.



- Resistance heating (heating spirals) from five sides, including the bottom
- "S" type thermocouple
- Solid state relay (smooth and noise-free operation, minimal interference with surrounding equipment)
- Slide valve for controlling air intake at the bottom of the kiln
- Flue for K 50 K 300, manually controlled ventilation flap for K 500 K 2000
- Limit switch for safe opening of the kiln doors
- Manually-operated door opening to the left
- SiC plate at bottom of kiln
- Stand for models K 50 through K 300
- Heating spirals made from Kanthal APM and Alsint ceramic tubes (only for temperatures of 1400 °C)



Simple operation and installation





Shipment from 6 weeks



Warranty 24 months



Instant technical support

- Ht205 controller (30 programmes with 15 steps each)
- Automatic ventilation flap (only with the Ht205 controller), manually controlled ventilation flap (for K 50 K 300)
- HtMonit EV set (include interface + software), RS-485 interface, LAN interface (only with the Ht205 controller)
- Digital temperature recorder
- Optimisation of the temperature field for compliance with DIN 17052-1 ΔT 20 °C
- Additional custom components such as uncontrolled or controlled forced overpressure cooling, multi zone heating system (K 500 – K 2000), door opening (electrohydraulic)

After consulting, we offer also other possibilities of modification of your equipment according to your requirements.





K 700 with door opening (electrohydraulic)

| Туре | Tmax** | Recommended operating temperature range | Volume | External dimensions* (w×h×d) | Internal dimensions (w×h×d) | Heating power | Weight | Voltage | Protection | Max. load capacity of bottom |
|-----------|--------|---|--------|------------------------------------|-----------------------------------|------------------|--------|---------|------------|------------------------------------|
| | °C | °C | 1 | mm | mm | kW | kg | V | Α | kg |
| K 50/13 | 1300 | 700-1250 | 50 | 910×1405×1070 | 350×350×400 | 5,5 | 125 | 400 | 16/3 | 50 |
| K 70/13 | 1300 | 700-1250 | 80 | 910×1465×1070 | 350×450×450 | 7,5 | 165 | 400 | 16/3 | 50 |
| K 120/13 | 1340 | 700-1300 | 120 | 1010×1535×1140 | 450×530×500 | 10,5 | 260 | 400 | 16/3 | 80 |
| K 150/13 | 1340 | 700-1300 | 150 | 1010×1620×1160 | 450×600×530 | 15 | 320 | 400 | 25/3 | 80 |
| K 200/13 | 1340 | 700-1300 | 200 | 1060×1800×1185 | 500×750×530 | 20 | 360 | 400 | 40/3 | 120 |
| K 250/13 | 1340 | 700-1300 | 230 | 1090×1800×1230 | 520×800×550 | 23 | 420 | 400 | 40/3 | 120 |
| K 300/13 | 1340 | 700-1300 | 310 | 1105×1820×1340 | 560×800×710 | 27 | 480 | 400 | 63/3 | 200 |
| K 500/13 | 1340 | 700-1300 | 490 | 1460×1825×1460 | 650×1000×750 | 40 | 770 | 400 | 80/3 | 300 |
| K 700/13 | 1340 | 700-1300 | 730 | 1550x1925x1610 | 750×1100×900 | 60 | 990 | 400 | 100/3 | 400 |
| K 1000/13 | 1340 | 700-1300 | 1000 | 1570×2120×1775 | 800×1263×1000 | 75 | 2300 | 400 | 125/3 | 500 |
| K 1500/13 | 1340 | 700-1300 | 1540 | 1800×2300×2050 | 950×1350×1200 | 110 | 2950 | 400 | 200/3 | 800 |
| K 2000/13 | 1340 | 700-1300 | 2100 | 2150×2500×2450 | 1000×1500×1400 | 130 | 3300 | 400 | 250/3 | 1000 |
| K 120/14 | 1400 | 700-1350 | 120 | 1010×1535×1140 | 450×530×500 | 10,5 | 230 | 400 | 16/3 | 80 |
| K 150/14 | 1400 | 700-1350 | 150 | 1010×1620×1160 | 450×600×530 | 15 | 280 | 400 | 25/3 | 80 |
| K 200/14 | 1400 | 700-1350 | 200 | 1060×1800×1185 | 500×750×530 | 20 | 310 | 400 | 40/3 | 120 |
| K 250/14 | 1400 | 700-1350 | 230 | 1090×1800x1230 | 520×800×550 | 23 | 360 | 400 | 40/3 | 120 |
| K 300/14 | 1400 | 700-1350 | 310 | 1105×1820×1340 | 560×800×710 | 27 | 420 | 400 | 63/3 | 200 |
| K 500/14 | 1400 | 700-1350 | 490 | 1460×1825×1460 | 650×1000×750 | 40 | 700 | 400 | 80/3 | 300 |
| K 700/14 | 1400 | 700-1350 | 730 | 1550x1925x1610 | 750×1100×900 | 60 | 920 | 400 | 100/3 | 400 |
| K 1000/14 | 1400 | 700-1350 | 1000 | 1570×2120×1775 | 800×1263×1000 | 75 | 1550 | 400 | 125/3 | 500 |
| K 1500/14 | 1400 | 700-1350 | 1540 | 1800×2300×2050 | 950×1350×1200 | 110 | 2600 | 400 | 200/3 | 800 |
| K 2000/14 | 1400 | 700-1350 | 2100 | 2150×2500×2450 | 1000×1500×1400 | 130 | 2900 | 400 | 250/3 | 1000 |

^{*} For the kilns exterior dimension, the height is given including the stand (K 50 - K 300). The stand's height is 615 mm. The stated width includes the controller 160 mm (K 50 - K 300) and the switchboard 250 mm (K 500 - K 2000).

^{**} Tmax is the maximum temperature which can be attained by the kiln, but is not suitable for long-term operation.

This VKK bogie-hearth furnace is designed for all professional ceramists, production plants, firing of ceramics, earthenware, glasses, porcelain or decorating.

Location of heating elements ensures excellently equal temperature distribution inside the furnace. The use of top insulating materials reduces energy consumption.



Shipment from

10 weeks

Warranty

24 months

Instant

technical support

Simple operation

and installation

- Ht200 controller (30 programs with 25 steps each, USB interface)
- Automatic ventilation flap
- HtMonit EV set (include interface + software)
- RS-485 or LAN interface
- Digital temperature recorder
- Optimisation of the temperature field for compliance with DIN 17052-1 ΔT 20 °C
- Electric bogie drive
- Rails embedded in the floor
- Door opening (electrohydraulic)
- Additional custom components such as uncontrolled or controlled forced overpressure cooling,
 flue gases combustion chamber, gas heating, second bogie and second doors

After consulting, we offer also other possibilities of modification of your equipment according to your requirements.





| Туре | Tmax** | Recommended operating temperature range | Volume | External dimensions (w×h×d) | Internal dimensions (w×h×d) | Heating power | Weight | Voltage | Protection* | Max. load capacity of bogie |
|-------------|--------|---|--------|-----------------------------------|-----------------------------------|------------------|--------|---------|-------------|-----------------------------------|
| | °C | °C | 1 | mm | mm | kW | kg | V | Α | kg |
| VKK 1000/12 | 1280 | 700-1200 | 1290 | 2250x2000x2350 | 1100x900x1300 | 45 | 1500 | 400 | 80/3 | 2 000 |
| VKK 1500/12 | 1280 | 700-1200 | 1650 | 2250x2100x2550 | 1100x1000x1500 | 70 | 1800 | 400 | 125/3 | 3 500 |
| VKK 2000/12 | 1280 | 700-1200 | 2200 | 2250x2100x3100 | 1100x1000x2000 | 95 | 2200 | 400 | 160/3 | 3 500 |
| VKK 3000/12 | 1280 | 700-1200 | 3030 | 2400x2200x3600 | 1100x1100x2500 | 130 | 2500 | 400 | 250/3 | 4 500 |
| VKK 5000/12 | 1280 | 700-1200 | 7140 | 2500x2700x4400 | 1400x1500x3400 | 160 | 3200 | 400 | 400/3 | 5 000 |
| VKK 7000/12 | 1280 | 700-1200 | 9660 | 2500x2700x5800 | 1400x1500x4600 | 195 | 4000 | 400 | 400/3 | 8 000 |
| VKK 1000/13 | 1340 | 700-1250 | 1290 | 2250x2000x2350 | 1100x900x1300 | 65 | 1500 | 400 | 125/3 | 2 000 |
| VKK 1500/13 | 1340 | 700-1250 | 1650 | 2250x2100x2550 | 1100x1000x1500 | 95 | 1800 | 400 | 160/3 | 3 500 |
| VKK 2000/13 | 1340 | 700-1250 | 2200 | 2250x2100x3100 | 1100x1000x2000 | 115 | 2200 | 400 | 200/3 | 3 500 |
| VKK 3000/13 | 1340 | 700-1250 | 3030 | 2400x2200x3600 | 1100x1100x2500 | 160 | 2500 | 400 | 400/3 | 4 500 |
| VKK 5000/13 | 1340 | 700-1250 | 7140 | 2500x2700x4400 | 1400x1500x3400 | 200 | 3200 | 400 | 400/3 | 5 000 |
| VKK 7000/13 | 1340 | 700-1250 | 9660 | 2500x2700x5800 | 1400x1500x4600 | 265 | 4000 | 400 | 630/3 | 8 000 |

^{*} Circuit breakers with possibility of switching the current adjustment are used for currents exceeding 160 A.

^{**} Tmax is the maximum temperature which can be attained by the furnace, but is not suitable for long-term operation.

Firing aids and accessories

There are various firing aids available which serves for better utilisation of the internal furnace space.

INTERLAYER PLATES AND DISTANCE POLES

Particularly interlayer plates are used to protect the furnace bottom or as interlayer plates for firing on multiple floors (cordierite-mullite material). Ceramic interlayer spacing columns are used to build the floors. We can supply these aids in various standardized sizes but also in dimensions on request. Interlaying crosses are intended for specific charge position.







Warning:

New and unused interlaying plates must be dried before first firing. Temperature in furnace for this purpose should achieve 350 °C for approx. three and a half hours. After this process which protects the plate from cracking, it is possible to use the plates routinely.

Measurement and control

Ceramic furnaces LAC, they are fitted with the following types of quality PID controllers:

Type HTH8 (Ht200 / Ht205, HtCeramic, Ht40AL) for all types of kilns. Bentrup type (TC95 / TC75) for M type kiln. At the customer's request, some other types of furnaces can be fitted with Bentrup type controlers. These types of controllers are microprocessor controlled devices that meet all requirements to control the temperature and security of electrothermal equipment.













| Тур | Ht200 / Ht205 | HtCeramic | Ht40AL | TC95 / TC75 |
|----------------------|---|--|---|---|
| Designation | Programmable PID controller designed for industrial applications. Program Ht200 / Ht205 • 30 programs, 25 steps in program (Ht200) • 30 programs, 15 steps in program (Ht205) | Programmable PID controller designed for ceramic applications. Program HtCeramic: • 20 programs • 15 steps in program | Simple programmable PID controller. Program Ht40AL • 2x rise, 2x hold | Compact programmable PID controller for ceramic applications designed for M kilns. Program TC95 / TC75 20 programs, 20 steps in program (TC95) 6 programs, 4 steps in program (TC75) |
| Measuring inputs | 1 input: • temperature (Thermcouples + Pt100) • process (voltage, current) Accuracy 0,1 % | 1 input: • temperature (Thermcouples + Pt100) • process (voltage, current) Accuracy 0,1 % | 1 input: • temperature (Thermcouples + Pt100) • process (voltage, current) Accuracy 0,1 % | 1 input: • temperature (thermocouple) Accuracy 0,1 % |
| Digital inputs | 2 digital inputs | No | No | No |
| Outputs | 7 outputs: • 2 controlling • 1 alarm • 4 auxiliary | 3 outputs: controlling controlling/auxiliary alarm | 3 outputs: • controlling • auxiliary • alarm | 3 outputs: • controlling • 2 auxiliary |
| Control | PID heating control PID cooling control 2pos. heating control 2pos. cooling control 3pos. step control | PID heating control PID cooling control 2pos. heating control 2pos. cooling control | PID heating control 2pos. heating control | PID heating control PID cooling control |
| Autotunning | Yes | Yes | Yes | Yes |
| LCD display | Graphic | Numeric | Numeric | Graphic 2.8" (TC95) / numeric (TC75) |
| Communication line | 2 lines (MODBUS™ RTU protocol): • 2x EIA-485 • LAN or RS-485 interface | 1 line (MODBUS™ RTU protocol): • EIA-485 • RS-485 interface | 1 line (MODBUS™ RTU protocol): • EIA-485 • RS-485 interface | Wi-Fi access via smartphone or PC (after registration on the website www.superwise.eu) |
| USB interface | Yes / No | No | No | Yes |
| Datalogger | Measured values (10000 Ht200 / 500 Ht205) Events records (5000 Ht200 / 200 Ht205) Ambient temperatures | 500 records (date, time, measured and setting value, program) | No | Recording of all relevant process data for 48 hours |
| HtMonit EV | Yes | Yes | Yes | No |
| set | | n interface for communication with PC. The ur om up to 4 devices fitted usually with a Ht seri | | |
| SuperWise App | No | No | No | Yes |
| by Bentrup | Control the kiln from your smartphone with tablet or PC (after registration on the webs | the SuperWise app and monitor the firing ite www.superwise.eu). | process from anywhere. SuperWise provide | des full access via application, |



Description of accessories and explanation of terms

COOLING

Ventilation chimney

Ventilation of the inner furnace space, airflow cannot be controlled. A seal made of insulating material can be supplied.

Manually-controlled ventilation flap

Ventilation; the flap is opened or closed manually.

Automatic ventilation flap

Ventilation of the furnace inner space, flap opening or closing is controlled by the controller. The automatic ventialtion flap can only be used in combination with the Ht205 controller.

Forced cooling

Active cooling of the charge. Cool air is blown by the fan through the valve at the bottom of the furnace and then travels through the automatic ventilation flap into the furnace chamber. The furnace controller starts the fan and opens the flap according to the furnace cooling speed programmed. The forced cooling system can only be used in combination with the Ht200/Ht205 controller.

CALIBRATION

Optimization of the temperature field to fulfill DIN 17052-01

Adjustment of the internal airflow, or adjustment of the furnace heating system according to the information detected by furnace measuring equipment. These adjustments provide optimization of temperature distribution in the furnace; alternatively the furnace can be fine-tuned for a specific charge. Treatment is carried out at one temperature in the usable space of the furnace. Including the measurement report.

ELECTRO

Solid state relay - SSR

Switch devices which contain no moving parts that can make noise or that can be worn out by frequent switching are used to control furnace operations.

Ammeters for checking heating elements condition

Ammeters monitor incoming current to check the status of heating elements. Three ammeters are usually connected (according to the number of connected phases), An ammeter can be connected to each heating element separately for an additional surcharge.

Heating spirals from Kanthal APM material

The use of Kanthal APM material provides longer lifetime of heating elements in comparison with standard production design.

Alsint pipes

The carriers of heating spirals (pipes) from Alsint material that is resistant to higher temperatures. They are suitable especially for furnaces that are on a long-term basis operating at temperatures over 1200 °C.

Digital temperature recorder

It serves for displaying and recording of measured values (usually temperatures in furnace). The transfer of data from the recorder takes place through Ethernet or RS-485 interface. The data from the recorder can be copied onto the data storage units (SD card, USB flash disk).

Standards EIA-485 or Ethernet

Standards EIA-485 serve as a communication link between a PC and controller device. EIA-485 can connect up to 30 devices. Contains a connector (interface) RS-485 led out to an accessible location on the furnace. Ethernet standardize local area networks (LAN) between a PC and controller device. Contains a connector (interface) led out to an accessible location on the furnace.

Wi-fi access for Bentrup controllers

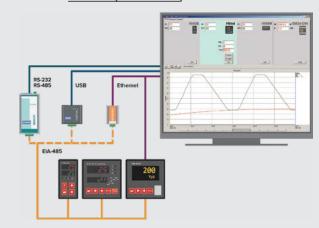
Get the furnace on your smartphone with SuperWise App and monitor the firing process from anywhere! SuperWise provides full access via app, tablet or PC (after registration on the website www.superwise.eu).

Monitoring software HtMonit

This program is designed for monitoring devices of Ht series.

The program allows:

- · monitoring connected devices
- insert data into the database
- · display measured data in the graph
- search in the graph and print graphs and tables
- program Ht200/Ht205 controller profiles
- · start or end programs



Industrial furnaces and dryers

Choose the type and model of an industrial furnace or dryer, or contact us with special requirements for customizing the equipment. At LAC, we manufacture many types of furnaces and dryers, and we will always suggest the best solution for you.



YOU WILL FIND MORE IN THE "INDUSTRIAL FURNACES AND DRYERS" CATALOGUE

Industrial furnaces for additive manufacturing

Additive manufacturing presents new possibilities for material processing, brings about higher efficiency and reduces costs at production, testing and introducing new products. Objects or products are created on the basis of digital 3D models or other electronic data sources. Our furnaces are designated for all the technologies listed below, for metal processing – melting or sintering of metallic powders or fibres which do not contain additional binders.



YOU WILL FIND MORE IN THE "INDUSTRIAL FURNACES FOR ADDITIVE MANUFACTURING" CATALOGUE"

Laboratory furnaces and dryers

Simplify your work with LAC laboratory furnaces and dryers. Take advantage of the simple controls and skip boring operator training. Choose one of the models, we have many in stock.



PRODUCTION PLANTS



PRODUCTION PLANT: INDUSTRIAL FURNACES AND DRYERS

LAC, s. r. o. Topolová 933 667 01 Židlochovice Czech Republic

phone: +420 547 230 016

e-mail: info@lac.cz

www.lac.cz



PRODUCTION PLANT: REFRACTORY CASTABLE SHAPES

LAC, s. r. o. Drnholecká 522 667 67 Hrušovany nad Jevišovkou Czech Republic

phone: +420 515 238 211 e-mail: office@lac.cz

www.lac.cz









ARTOF HEATING LAC, s. r. o.

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