

# Vacuum Casting Plant

Plant of NRW Central Laboratory for Battery Technology

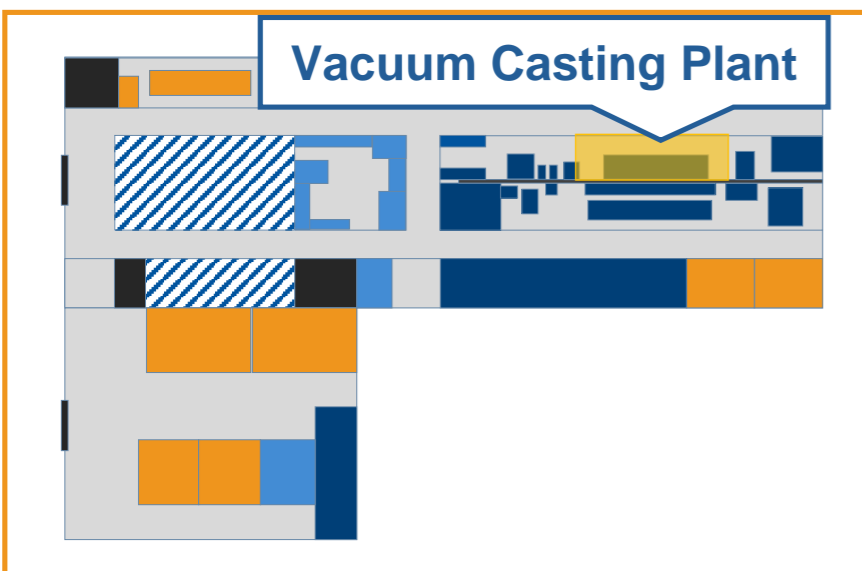


## Costs:

Hourly rate:  
26,41 €

Daily rate:  
211,24 €

## Technical specifications



Building No. 4733, Ground floor, Room No. 035

### Vacuum casting plant Schüchl UGM-700

#### Technical specifications

|                             |                                 |
|-----------------------------|---------------------------------|
| Max. theoretical mould size | 900 x 700 x 950 mm <sup>3</sup> |
| Min. final pressure         | < 0,5 hPa                       |
| Vacuum pumping capacity     | 100 m <sup>3</sup> /h           |
| Pouring quantity cup 1      | 3000 ml                         |
| Pouring quantity cup 2      | 3000/6000 ml                    |

#### Qualifications required for operation

- Introduction to the machine by the rental company

## Fields of application

- Possibility to work with many different two-component casting resins
- A component manufactured with a plastic laser-sintering system is suitable as a prototype
- Enables very high quality components to be produced quickly, comparable with the end product
- Full- automatic mode and user-friendly
- High temperature resistance achievable (in contrast to e.g. sintered components)

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