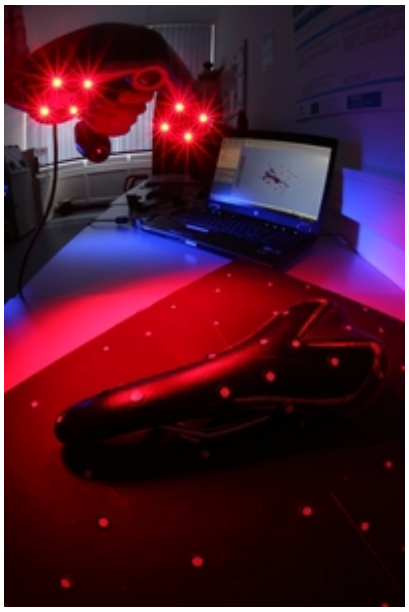
# TRANSFER ANDENTREPRENEUR CENTRE

## iGE - innovative casting development

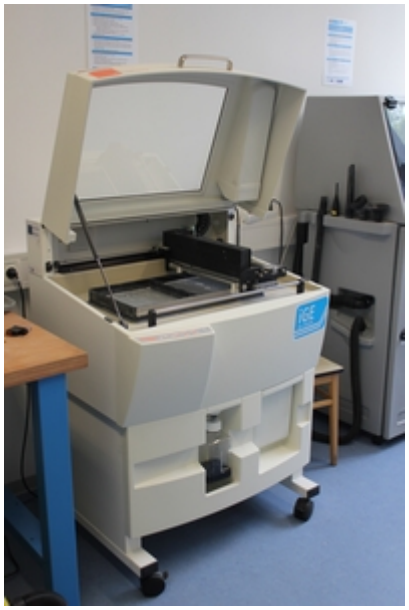
The goal of the ego.-Incubator „**innovative casting development**“ is to give students, researchers and graduates the opportunity to develop and test their innovative business ideas in a hands-on environment. For the production of innovative prototypes the users are provided with the latest technology in the product development process of castings.


## Hand-held-3D-color laser scanner ZScanner® 800

- texture resolution: 50 to 250 DPI
- Laser: Class II (not dangerous for the eyes)
- Number of cameras: 3
- X, Y, Z -resolution: 0,05 mm
- Proximity up to 0.04 mm
- 25.000 measurements / s
- Weight1250 Gramm



# RP-Machine: ZPrinter® 310 Plus



- Resolution: 300 x 450 dpi
- Vertical contruction speed: 25 mm/hour
- Contruction format: 203 x 254 x 203 mm
- Material options:
- High-performance composite material
- Direct casting material
- Elastomeric material
- Casting material

# Molding printer ProMetal RCT

**R2 Series Machine**

- for 3D printing of sand moldings
- Printhead with 128 nozzles
- Maximum contruction room: 200 x 200 x 150 mm
- Machine control: Windows-based user interface
- CAD Input Format: STL
- Dimensions: 1750 x 1220 x 1580 mm
- Weight: ca. 750 kg net

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Requirements

In order to use the ego.-incubators the following conditions have to be met:

- Project presentation with targets and timeframes
- Students or academic staff or peers (artists, physicians, Exist scholarship holders, graduats / gratuated employees with founding intentions) at a university in the state of Saxony-Anhalt
- No pursiut of economic activity through the user of the incubator

If you have any questions, please contact the supervisor of the respective ego.-incubator or directly contact the TUGZ

Coordination MakerLabs
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Incubator representative

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