

Technical University of Munich: List of equipment

- Industrial robotic arms and grippers:
 - [KUKA LBR iiwa](#),
 - [Staubli TX60 and TX90](#),
 - [4x ABB IRB 120](#),
 - [KUKA R800 HRI safe gripper](#),
- FESTO Modular Production System,
- HRI-safe exemplary manufacturing cell with [SAPARO tactile floor](#),
- [FESTO Robotino](#) mobile platform,
- 3D sensors (e.g. KINECT cameras, [HOKUYU sensor](#), [Intel Realsense family](#) (ZR300, R100, SR300)),
- Computers for supervision and control,
- Video projector(s) for AR applications,
- Factory cell mock-up,
- Electric car testbed (including the Roding Roadster Electric car),)



KUKA iiwa robot



Electric car testbed

List of software

TUM offers access to a wide range of software ranging from simulation environments (MATLAB/Simulink, ANSYS), through geoinformation (ESRI/ArcGIS), measurements and testing (LabView) to data analysis (Origin).

List of services

- Evaluation of new technologies: experimenting, proof of concept and testing,
- Demonstration and experience of robotics in manufacturing and consulting in the field of robotics,
- Knowledge exchange in workshops about robotics in manufacturing,
- Advice on IPR management, ethical, legal and societal issues in robotics.