

TRACK3D

MAKING ADDITIVE MANUFACTURING

PRODUCTION-READY

TRUEFORMER™ + SITUGUARD™

The integrated platform
for **quality-assured** agile manufacturing



IN-SITU
QUALITY
ASSURANCE



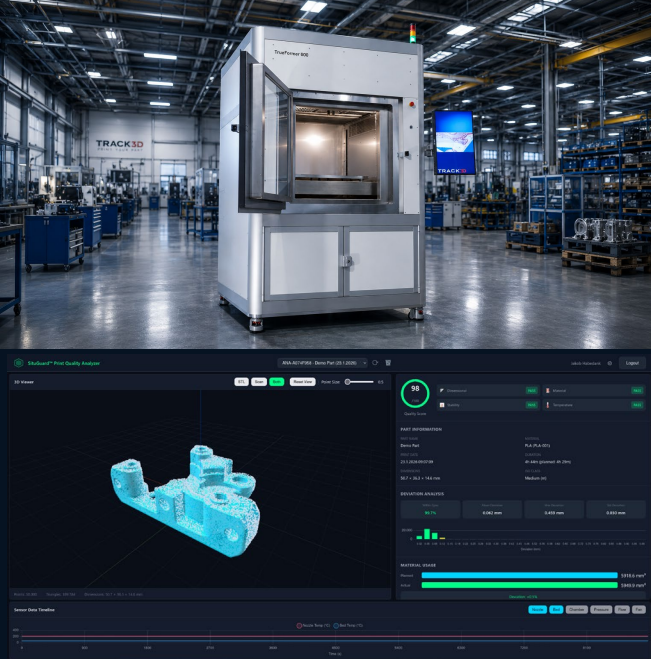
DIGITAL
TWIN



HIGH-TEMPERATURE
CAPABLE



SCALABLE AND
COST-EFFECTIVE



TrueFormer™ 600

track3d.de/trueformer/

INDUSTRIAL HIGH-TEMPERATURE MEX PLATFORM (Filament)

Engineered for agile, quality-assured
serial production with
high-performance materials.



Build Volume (XYZ)
600 × 487 × 570 mm



Heated Build Chamber
up to 250 °C



Dual Extrusion System with
Hotends up to 500 °C



Build Plate up to 250 °C

HIGH-PERFORMANCE MATERIALS

PEEK

PEEK-CF

ULTEM 9085

ULTEM 1010

PPS

PA6

PA12

ASA

and many more

SituGuard™

track3d.de/situguard/

INTELLIGENT IN-SITU PROCESS MONITORING

Quality Assurance During
the Printing Process



3D Laser Scan
of Every Layer



CAD-to-In-Situ 3D Comparison



Automatic Dimensional
Accuracy Calibration



Real-Time Defect Detection



Automated Process
Optimization



Digital Twin of Every Part
with Data-Driven Quality
Documentation for Simplified
Certification



Consistent Quality



Reduced Inspection Costs

THE DIFFERENCE

CONVENTIONAL FDM

Post-Print Quality Inspection

Manual Calibration and Limited Accuracy

Defects Detected Only After Production

No Complete Traceability

Iterative Process Optimization

Slow Knowledge Accumulation

Limited High-Temperature
Material Compatibility

TRACK3D SOLUTION

In-Situ Process Monitoring

Automatic Calibration & High Dim. Accuracy

Early Defect Detection

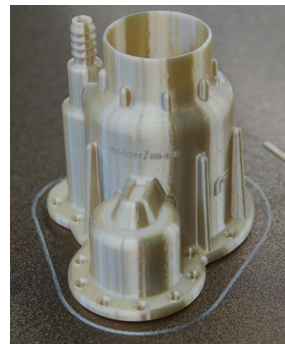
Digital Twin of Every Part

Automated Optimization

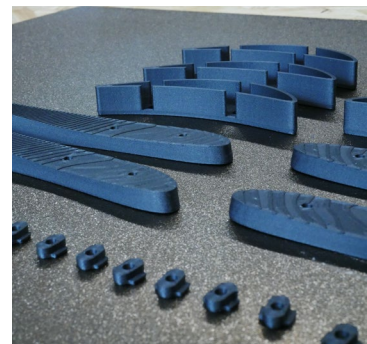
Automated Learning Across Parts

PEEK, ULTEM™, PPS, and more.

APPLICATION EXAMPLES



Pump Housing – ULTEM™ 9085



Automotive Parts, PEEK-CF

START A BENCHMARK PROOF-OF-CONCEPT: See for Yourself – With Your Part and a Complete Quality Report

1. SHARE YOUR CAD FILE

Send us your CAD file and
your requirements.
We're happy to sign an NDA
before you share any data.

2. PRINTING & ANALYSIS

We manufacture your part in a
wide range of materials using the
TrueFormer™ and monitor
every layer with SituGuard™.

3. DELIVERY

Receive your finished part together
with a comprehensive Quality
Report, including the Digital Twin
and complete analysis.

Secure one of the limited spots in
our **pilot program** today – with
exclusive introductory pricing.

www.track3d.de/contact/

TRACK3D

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MANUFACTURING PRODUCTION-READY



www.track3d.de



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Berlin, Germany

TrueFormer™

Industrial High-Temperature
Polymer Manufacturing Platform

SituGuard™

Integrated AI-powered
Quality Assurance