**X3000 SERIES**

**GAS-TO-LIQUID**

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**APPLICATIONS**

- Syngas Conversion
- Fischer-Tropsch Synthesis
- Methanol Conversion
- Selective Hydrogenation
- Oligomerization
- Power-to-Gas or Power-to-Liquid

htc's X3000 is designed to bring parallel catalyst testing and optimization to a range of syngas conversions and related chemistries.

It is optimized for medium- and high-pressure processes, suitable for wax handling.

The system enables perfect matching of online and offline analysis. It increases productivity in the evaluation of heterogeneous catalysts in fixed-bed reactions while delivering high-quality data.

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**BENEFITS**

- Reliable, turnkey ready system following international industrial standards, developed over several years in htc's contract research programs.
- Complete lab-in-lab solution validated with your chemistry and immediately operational at your site.
- Proven, fully integrated workflow including on- and offline analytics, reactor loading, and data integration.
- Highly flexible system with online GC systems optimized for your application in high throughput experimentation.
- Sustainable investment covering a broad range of catalyst volumes from small amounts of powder to large amounts of shaped materials.