B4500 SERIES
TRICKLE-BED APPLICATIONS

APPLICATIONS

• Hydrocracking
• Hydrotreating (HDS, HDN, HDM, HDO, HDA)
• Dewaxing and hydrofinishing
• Bottom-of-the-barrel upgrading
• Bio feedstock conversion
• Pyrolysis oil upgrading from plastics recycling

hte’s B4500 is optimized for high-pressure trickle-bed applications in down- or up-flow mode and in-series configuration. Complementary to the X4500 High Throughout Experimentation unit, the bench-scale system allows individual catalyst testing with larger liquid quantities.

BENEFITS

• Top-notch solution - high reproducibility, industrially relevant data and broad variety of on- and offline methods
• Robust - reliable, fully automated, turnkey ready solution with high up-time
• Digitalization - advanced analytics & software solutions enabling fully digitalized workflow solutions
• Global service - readily operational at your site through chemical validation. With our top-rated service professionals operating all over the world, we provide personalized support
• Strong expertise - decades of customized R&D projects, technology, and production know-how
• High flexibility - operational mode and catalyst volume (typically 25-100 mL)