

ULT; PKG; TDE50040FA+Racks+LN2

- The Thermo Scientific™ TDE Series ultra-low temperature freezers, part of the Standard Performance (STP) family, powered by an H engine, include four vertical models, maximizing storage capacity from 30,000 to 60,000 vials of 2 ml. La TDE Series is a sustainable and reliable solution with maximum sample safety and delivers operational savings for every lab.
- Performance
- Powered by H-drive hydrocarbon technology, these systems save up to 25% in energy consumption and heat emission compared to conventional refrigerant ULT freezers¹
- Designed for daily use, it recovers freezer temperature 20% faster after a door opening.²
- A noise level below 53 dBA, allows the freezer to leave the aisle and enter the laboratory.
- Complies with validation protocols from $\pm 10^{\circ}\text{C}$ to -80°C with fast peak correction and high temperature stability.
- Natural hydrocarbon refrigerants reduce system operating stresses, enabling exceptional reliability and safe sample protection.

