

# nEXT turbopumping station

**Our new range of nEXT turbopumping stations build on our previous generation, but with a simplified ordering matrix and expanded range to include turbopumps with speeds from 42 ls<sup>-1</sup> to 400 ls<sup>-1</sup>.**

For pumping speeds from 42 ls<sup>-1</sup> to 66 ls<sup>-1</sup> we offer our trusted EXT75DX pump with a choice of various wet and dry backing pumps and a Turbo and Instrument TIC100. For pumping speeds of 240 ls<sup>-1</sup> to 400 ls<sup>-1</sup> the new turbopumping stations are based on our nEXT pumps offering the additional flexibility of end-user serviceability plus a choice of backing pumps and a Turbo and Instrument TIC200. Turbopumping stations fitted with E2M1.5 or RV pumps come with an EMF mist filter fitted, and those fitted with our class leading XDS scroll pumps have an isolation valve fitted between the turbopump and backing pump as standard. All turbopumping stations include 4 locking castor wheels, a bench-top mounting kit, built in air cooling and come configured to suit a wide variety of applications such as: UHV systems; beam lines; load locks; surface science; high energy physics.



## Features and benefits

- Fully assembled and ready to use
- Where nEXT is fitted the turbopump is fully end-user serviceable
- Control of the turbopump, backing pump and gauges from the integrated TIC
- Serial communication control available with RS232 and RS485 (Windows software included)
- Dry pumping options with XDD1, XDS5 and XDS10



## 'Plug and play' turbopumping station

Everything about our new range of nEXT turbopumping stations has been developed to provide a comprehensive vacuum solution with the latest technological advances for easy installation and operation.

A simplified ordering matrix and expanded range, to include turbopumps with speeds from 42 ls<sup>-1</sup> to 400 ls<sup>-1</sup>, enables you to select the most appropriate combination for your application, fully assembled and ready to go.

### 1. Choose your turbopump



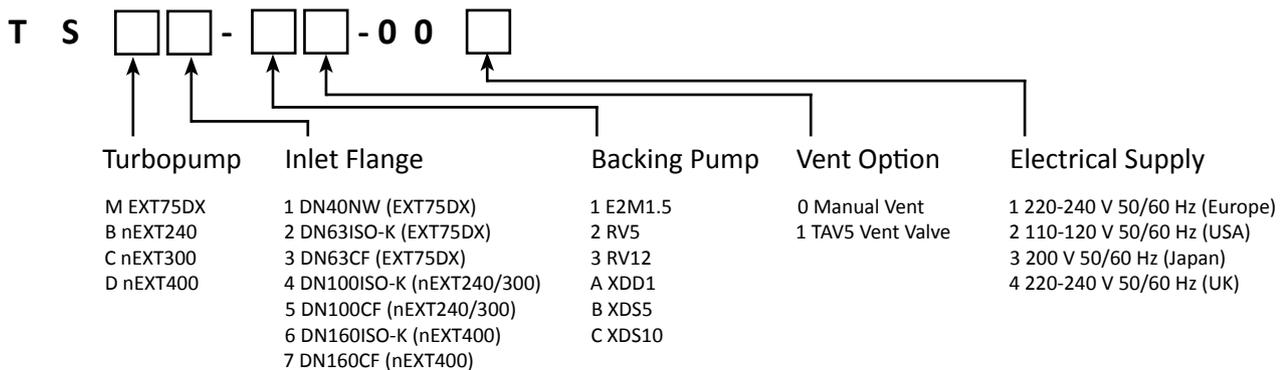
### 2. Choose your backing pump



### 3. Select your voltage



## Ordering matrix



## Global contacts

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