

# Key Technical Data

# NETZSCH

	EPLEXOR® 25 N	EPLEXOR® 100 N	EPLEXOR® 150 N	EPLEXOR® 500 N
Dynamic force range	± 25 N (50 N)*	± 100 N (200 N)*	± 150 N (300 N)*	± 500 N (1000 N)*
Static force range	150 N	150 N Optional: 1500 N	150 N Optional: 1500 N	500 N Optional: 1500 N
Dynamic strain	± 1.5 mm (3 mm)*	± 1.5 mm (3 mm)*	± 1.5 mm (3 mm)* Optional: ± 3 mm (6 mm)*	± 1.5 mm (3 mm)* Optional: ± 6 mm (12 mm)*
Static displacement	Up to 60 mm	Up to 60 mm	Up to 60 mm	Up to 60 mm
Frequency range	0.001 Hz to 100 Hz Optional ranges: 0.0001 to 200 Hz	0.001 Hz to 100 Hz Optional ranges: 0.0001 to 200 Hz	0.001 Hz to 100 Hz Optional ranges: 0.0001 to 200 Hz	0.001 Hz to 100 Hz Optional ranges: 0.0001 to 200 Hz
Temperature	RT to 500°C Optional**: -160°C to 500°C, RT to 1000°C/1500°C	RT to 500°C Optional**: -160°C to 500°C, RT to 1000°C/1500°C	RT to 500°C Optional**: -160°C to 500°C, RT to 1000°C/1500°C	RT to 500°C Optional**: -160°C to 500°C, RT to 1000°C/1500°C
HYGROMATOR®	Humidity range: 5% rH to 95% rH; Temperature range: 5°C to 95°C	Humidity range: 5% rH to 95% rH; Temperature range: 5°C to 95°C	Humidity range: 5% rH to 95% rH; Temperature range: 5°C to 95°C	Humidity range: 5% rH to 95% rH; Temperature range: 5°C to 95°C
UV accessory	Optional	Optional	Optional	Optional

\* Peak force (peak-to-peak)

\*\* The high temperature options, 1000°C or 1500°C, can also be retrofitted to installed EPLEXOR® systems