

| DSC 204 HP <i>Phoenix</i> ® | |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Temperature range | -150°C to 600°C, depending on gas pressure and type |
| Heating rate | 0.01 K/min to 100 K/min, depending on gas pressure and type |
| Cooling device | Liquid nitrogen; temperature range depends on gas pressure and type |
| Pressure range | Vacuum to 150 bar (15 MPa, ≈ 2175 psi) |
| Pressure measurement | <ul style="list-style-type: none">■ Precision: ± 0.15 bar■ Accuracy: ± 0.75 bar |
| Atmosphere | Static and/or dynamic, inert (N ₂ , noble gases), reducing (H ₂)*, oxidizing (O ₂ , air, CO ₂ up to 57 bar); other gases on demand |
| Gas flow | Up to 500 ml/min, accuracy ±1 ml/min |
| Operation modes | Various static and dynamic gas atmospheres and pressure conditions |

* The user is responsible for reliable operation under hydrogen in accordance with relevant safety regulations.