



Thermal Solution for QSFP/QSFP-DD Optical Transceivers

There has never been a better solution for testing optical transceivers over temperature ranges.

Mechanical Devices introduces state of the art thermal solutions for testing optical transceivers precisely, quickly and reliably.

Mechanical Devices thermal control units are designed with high performance and flexibility in mind, allowing for customization to suit different optical transceivers and interface variations. The optical transceivers solution is designed for easy, simple and reliable operation in production or engineering by the operator.

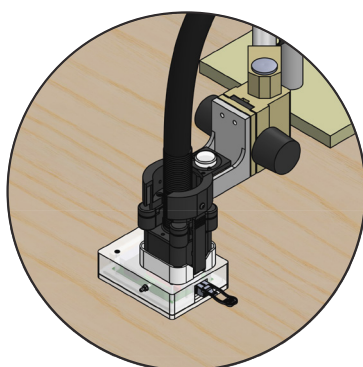
With state of the art design, Mechanical Devices units stimulate optical transceivers to the desired temperature **precisely and consistently** by direct contact with a thermal module adapter. The module receptacle has a window when the clip-on heat sink is removed. This allows direct contact to the module surface. A thermal head tip is designed to maximize thermal head contact with this area and with the module receptacle.

Improved test reliability in engineering or production with "Clip-On" actuator is achieved by controllable and consistent contact on the module without operator involvement.



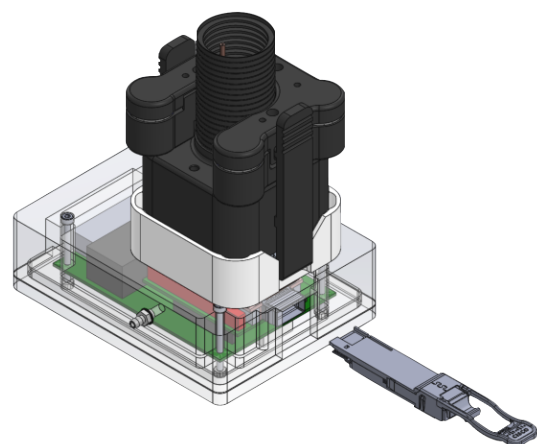
Eco Cool

- Range: -30°C to 200°C
- Power: 200W @ 0°C
- Ramp rate: up to 75°C/min



Max TC G4

- Range: -70°C to 175°C (200°C)
- Power: 180W @ 0°C, 90W @ -40°C
- Ramp rate: up to 75°C/min



Replaces

- Forced air units
- Chiller base units
- Chambers

Features:

- Setup is very simple and fast
- Accurate and stable temperature control
- Precise and consistent force/contact of tip with module
- Highly automated, minimum operator involvement
- Fast and simple, one button to attach and detach the optical module
- The unit works for bench, cart or rack mounted