

LTSYS - Low Temperature Physics Measurement System

LTSYS -Ptc

pulse tube cooler system optimized for confocal microscopy

.....

Temperature Range	
standard edition	4 K
with sample heater (optional)	4 K .. approx. 200 K
with temperature controller (optional)	4 K .. approx. 200 K

General Specifications	
material of body	Aluminum
temperature isolation	vacuum isolation, vapor shielded
bottom loading system	quick and easy sample exchange
damping	internal anti-vibration damping system

Performance Data	
cool-down time	< 2h typically to 4 K
lowest temperature	2.8 K with no load
temperature stability	< 0.1 K without temperature controller

Dimensions	
diameter x height	178 x 750 mm
mounting pole spacing	350 mm
weight	17.3 kg

Power consumption	
power consumption	5 kW max., 3.4 kW steady state

Options	
temperature controller	optional

Available Inserts	
confocal microscopes	attoCFM I and attoCFM II

