

DTS600

Each DTS instrument is strictly tested, and all parameters have reached or exceed the indexes in the following table. Testing strictly follows operation norms, and is controlled according to our laboratory standards. General parameters are tested according to national standards. We provide complete testing data lists and tables and adopt strict quality control measures in order to ensure best product quality and performance.

DTS system could carry out real-time temperature measurement at any point of a 6km optical fiber with the most advanced optical fiber and laser technologies used in the system. The system can monitor several monitoring zones along all positions of the optical fiber. Besides, it has good adaptability, and alarm threshold can be set up in any monitoring zone.

DTS system can relate to multiple outside interfaces and could be customized according to different users' demands.

Type	DTS600
Optical fiber type	Multi-module 62.5/125 μ m
Measurement distance	6Km, customizable
Sampling interval	1m
Positioning precision	1m
Temperature precision	$\pm 1^{\circ}\text{C}$
Temperature resolution	$\pm 0.1^{\circ}\text{C}$
Temperature measurement scope	-270 $^{\circ}\text{C}$ ~700 $^{\circ}\text{C}$ (decide according to selected optical fiber)



Optical fiber channel number	1/2/4 channel, customizable
Mainframe working temperature	0°C ~ 40°C
Mainframe working humidity	<95%RH
Mainframe power voltage	DC24V/AC220V
Mainframe communication interface	Ethernet port, RS232/485, relay, USB, VGA
Operation system	Windows XP or above
Outer appearance and Dimension of mainframes	Rack-mounted: 482 (width) 134 (height) 424 (depth) mm; Wall-mounted: 550 (width) *1000 (height) *200 (depth) mm
Mainframe weight	Rack-mounted about 25kg, wall-mounted about 50kg