

HF-TC-627

Gas Chromatograph Analyzer



This Gas Chromatograph Analyzer is specially designed for dissolved gas analysis of transformer insulating oil. It precisely separates and measures various fault gases, effectively diagnosing overheating, partial discharge and arc hidden faults inside oil-immersed power transformers for daily substation maintenance.

Technical specifications

Parameter	Value
Operation Display	192×64 Dot Matrix Chinese LCD
Temperature Control Zones	6 Channels
Temperature Control Range	Ambient +5°C ~ 400°C, Increment: 1°C, Accuracy: ±0.1°C
Programmed Temperature Rise Steps	16 Steps
Temperature Rise Rate	0.1 ~ 40°C/min
Pneumatic Control	Optional mechanical valve control or electronic pressure & flow control mode
External Events	4 Channels
Inlet Types	Optional packed column, capillary column, 6-port valve gas sampling, automatic headspace sampling, etc.
Number of Detectors	5 types, FID, TCD, ECD, FPD, NPD (optional)
Injection Trigger	Optional manual or automatic
Communication Interface	Ethernet, IEEE802.3

Standard scope of supply

No.	Item	Qty	Notes
1	Gas Chromatograph Analyzer Main Unit	1 Set	
2	FID/TCD Standard Detector Assembly	1 Set	
3	Capillary Column & Packed Column (for transformer oil DGA test)	2 Pcs	
4	Sampling Accessories: 6-port gas sampling valve, syringes, gas sampling tubes	1 Set	
5	Carrier Gas Pipeline, Connection Fittings & Sealing Fittings	1 Set	
6	Power Cable, Ethernet Communication Cable	2 Pcs	
7	Operating Manual (English + Chinese Version)	1 Book	
8	Factory Calibration Certificate	1 Copy	
9	Product Warranty Card	1 Copy	
10	Shockproof Aluminum Transport Case	1 Pc	

Compliance and documents

Applicable standards	[TO BE CONFIRMED] standard applied to this model
Calibration certificate	[TO BE CONFIRMED]
Optional accessories	[TO BE CONFIRMED]

Warranty and support

12-month warranty on every exported instrument. English operation manual and remote video guidance at commissioning. T/T, L/C at sight and deposit terms for bulk orders; sea, air or rail shipping.