

Reaching For New Heights

High Sensitive NDIR Sensor
Depending on the amount of leakage
Flashing LED tip

NDIR Leak Detector TA430FR

- LED lamp on the probe tip
- Large back-light display
- High speed response and sensitivity sensor
- Two easy-to-use modes

R32

R410A

R1234yf

etc

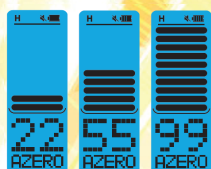
ALL HFC/CFC/HCFC/HFO can be detected



The latest high-performance model with easy-to-use features

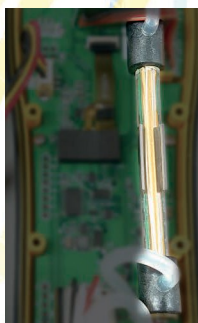


With backlight display



The display, which is highly visible in daylight and dark, shows the relative concentration of the detected refrigerant not only as an indicator but also as a numerical value.

High Sensitive NDIR Sensor Sensitivity 1g/year



It is equipped with a NDIR (non-dispersive infrared) sensor, which boasts extremely high detection sensitivity. It is also equipped with a high-concentration, particulate filter to prevent moisture and particles from entering the system.

The tip of the probe flashes

The red LED lamp mounted on the tip of the probe blinks according to the relative concentration of the refrigerant. This allows the user to concentrate on locating the leak without having to look at the display and visually see the location of the leak.



Two easy-to-use modes

AZERO Detect further pinpoint leak
Auto Balance Mode

Resets the sensor to ambient environment and TA430FR can detect further pinpoint leak, even in contaminated environments

MZERO Maximize sensitivity to find the leak
Manual Auto Balance Mode

The detection level can be reset manually by pressing the "ZERO MANUAL/AUTO" button.

This mode is useful for small refrigerant leak, as it provides maximum detection sensitivity when reset in a clean environment.

- ALL HFC/CFC/HCFC/HFO can be detected
- Four selectable sensitivity levels
- Peak Hold
- Mute Mode
- High-capacity lithium-ion battery
- Compact – designed to fit in your hand
- Ergonomical and IP54-certified

Part No.	Name	Price:
TA430FR	NDIR Leak Detector	JPY69,800

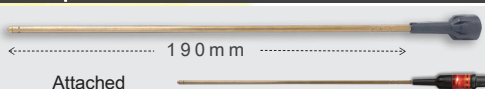
Sensor Type	Infrared Detection (NDIR)			
Mode	HI	MID	LO	TURBO
Sensitivity	3 g/year	7 g/year	14 g/year	1 g/year
Leak Indication	Flash the tip of the probe / Display / Buzzer (sound)			
Refrigerants	HFC , CFC , HCFC, HFO etc			
Response Time	< 1 sec			
Reset Times	< 5 sec			
Battery	DC3.7V 2600mAh Chargeable Lithium Ion			
Charging Time	Approximately 6 hours			
Battery Life	Approximately 10 hours (Backlight Off)			
Weight	420g			
Auto-Off	10 minutes			
Operating Environment	0°C ~ 40°C, < RH75% (No condensation)			
Storage Condition	-20°C ~ 60°C, < RH80%			
Warm-Up Time	30 Seconds			
Water Resistance	Certified "IP54"			

Accessories



- USB Charger (USB Type-C)
- Carrying Case
- Probe Cap (W/filter)
- O-Rings x5

Option



TA430FR-2 Needle Probe JPY 5,900

- Probe Cap (Filter Included)
- Useful for detection in narrow spaces

5 Sets



TA430FR-3 Probe Cap / O-ring JPY4,100

- Package Qty...5 sets
- The filter is set inside the probe cap.
- Periodic replacement is recommended to maintain performance.



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