GL Sciences

GLS Detection Tube

KITAGAWA

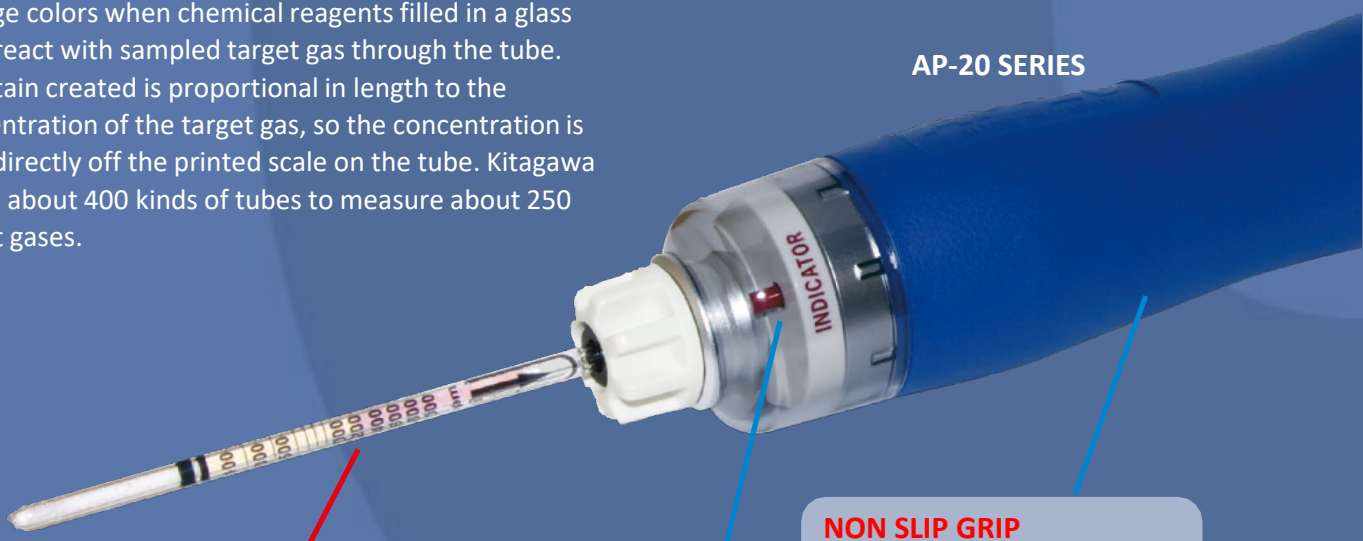
KITAGAWA IS A PIONNER OF GAS DETECTOR TUBES

KITAGAWA GAS DETECTOR TUBE SYSTEM started with a H_2S tube for quality control in year 1947 and has led a path in a field of gas analysis.

KITAGAWA GAS DETECTOR TUBE SYSTEM COMPRISES OF
DETECTOR TUBES AND SAMPLING PUMP

GAS DETECTOR TUBES

Change colors when chemical reagents filled in a glass tube react with sampled target gas through the tube. The stain created is proportional in length to the concentration of the target gas, so the concentration is read directly off the printed scale on the tube. Kitagawa offers about 400 kinds of tubes to measure about 250 target gases.

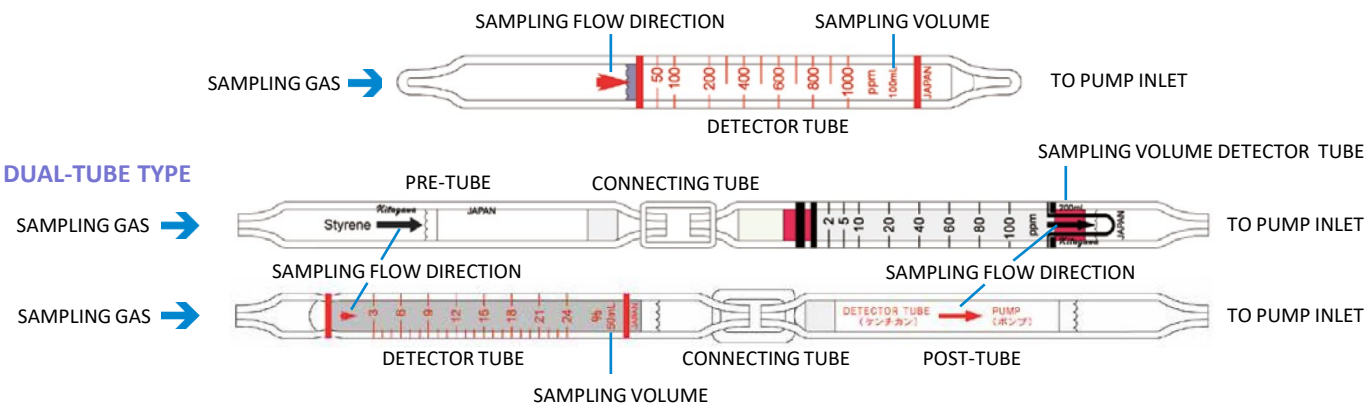


NON SLIP GRIP
Offers a hand fit easily and is light to pull.

A SHATTERPROOF DETECTOR TUBE
has 2-layer of films to protect from a breakage.
Even if broken, the inside reagents do not scatter.
(Patent No.4100883)

FLOW INDICATOR
The end of sampling is indicated.

GAS DETECTOR TUBE DESCRIPTION



*The connecting tube is packed in the tube box of a dual-tube type.

SAMPLING PUMP

A portable sampling pump to suck a constant amount of target gas into the detector tubes.

Safe, light and easy to use. No power supply is required. Accurate toxic gas measurement in minutes. A sampling pump with a counter unit is useful where multiple pump strokes are applicable.

LED COUNTER UNIT

N.B.) The counter unit cannot be used in the hazardous locations.

MODEL AP-20CT

CERAMIC TUBE TIP CUTTER

Cuts the ends of detector tubes easily.

Glass scraps can be disposed altogether without spilling by removing the ceramic tip cutter.

TIP CUTTER UNIT

The counter unit is pre-assembled and replaceable with the tip cutter unit provided.

SAMPLING PUMP AP-20 / AP-20CT KIT INCLUDES;

CARRYNG CASE

GAS SAMPLING PUMP

HAND STRAP

LUBRICANT/GREASE

RUBBER TUBE CONNECTORS

SPECIFICATION

MODEL:AP-20
INNER VOLUME:100 mL
WEIGHT: 290 g approx.
LENGTH: 240 mm approx.

The AP-20 Series Pump has 4 colors

APPLICATIONS OF KITAGAWA GAS DETECTOR TUBE SYSTEM

INDUSTRIAL HYGENE

Measures harmful gases and vapours quickly in the atmosphere to control the concentration in the workplace.

INDUSTRIAL WASTEWATER

Measures effluent simply and quickly to identify the source of pollution anywhere.

PROCESS CONTROL

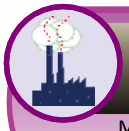
Measures impurities in gases as raw feedback and intermediates to ensure high product quality and prevent catalyst poisoning to improve production efficiency.

FIRE/EXPLOSION PREVENTION

Measures mixed combustible gases speedily and safely on-site without ignition source to prevent fire and explosion by leaked or generated gas.

ON BOARD

Measures toxic gas before entering cargo rooms or checks residual gas after cleaning chemical tanks in conformity with the IMO rules.



AIR POLUTION CONTROL

Measures toxic gases such as SO_2 and NO_2 in flue gas rapidly on-site to identify and control the source of pollutant in the air.

COMBUSTION EFFICIENCY

Measures CO, CO_2 and O_2 in exhaust gas to check combustion efficiency of combustion appliances.

EDUCATION

Measures classroom environment or as an experimental tool for learning combustion and photosynthesis in a science class.

PREVENT ACUTE POISONING

Measures leaked, blowout, generated or residual toxic gases rapidly to prevent poisoning.

DRINK DRIVING CONTROL

Measures alcohol in the breath and contributes to preventing alcohol related accidents.

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