



**MODERN AUTOMATION &
ENGINEERING PTE LTD**

AUTHORIZED AGENT - TOKA SEIKI

Level Measurement Systems,
Instrumentations and
Automations

GAS CONCENTRATION METER

Toka Seiki Co., Ltd



P-508

**COMBUSTIBLE GASES
(CALIBRATED BY ISO-
BUTANE**



Technical Specifications

Detection Principle	Catalytic Combustion Method
Gas Sampling	Suction Type by built in pump, Suction flow : 800cc/min. normal
Tube Length	1.5 m (Standard)
Measuring Range	0-100% & 0-20% LEL (Change-over type)
Accuracy	Within $\pm 5\%$ of Full Scale
Display	Analog Meter
Response Time	90% response within 10 sec
Alarm Level	20% LEL (Normal) – Adjustable
Alarm Function	Buzzer Flick sounds
Operating Conditions	-10 to 50 °C at less than 90% RH
Power Source	DC3V : Dry cell R20P x 2 pcs
Battery Life	5 hours maximum under continuous operation
Battery Life Display	Meter Indication at BATT. CHK. Mode

Features

- Small and Light Design
- Easy Operation with built in Automatic Suction Pump
- Long life design of sensor
- Double Measuring Ranges (0-100%LEL & 0-20%LEL)
- Audible Alarm Sound on by piezo Buzzer
- Two Dry-cell Battery (R20P x2)
- Light weight : 1.5kg
- Small Size :
163 (W) x 137(H) x 67(D) mm

Accessories

Vinyl Leather Case	1 pce
Sampling Tube (1.5m)	1 pce
Sampling lod with W.S Filter	1 pce



**ClassNK (Explosion Protected Type)
H K Approved**



TIIS (Explosion Proof Certificate in Japan)

Safety Approval is id2G4

Sensor part : Flame-proof, Electric part : Intrinsic Safe

Remarks : Product Design and Specifications are subject to change without any prior notification



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