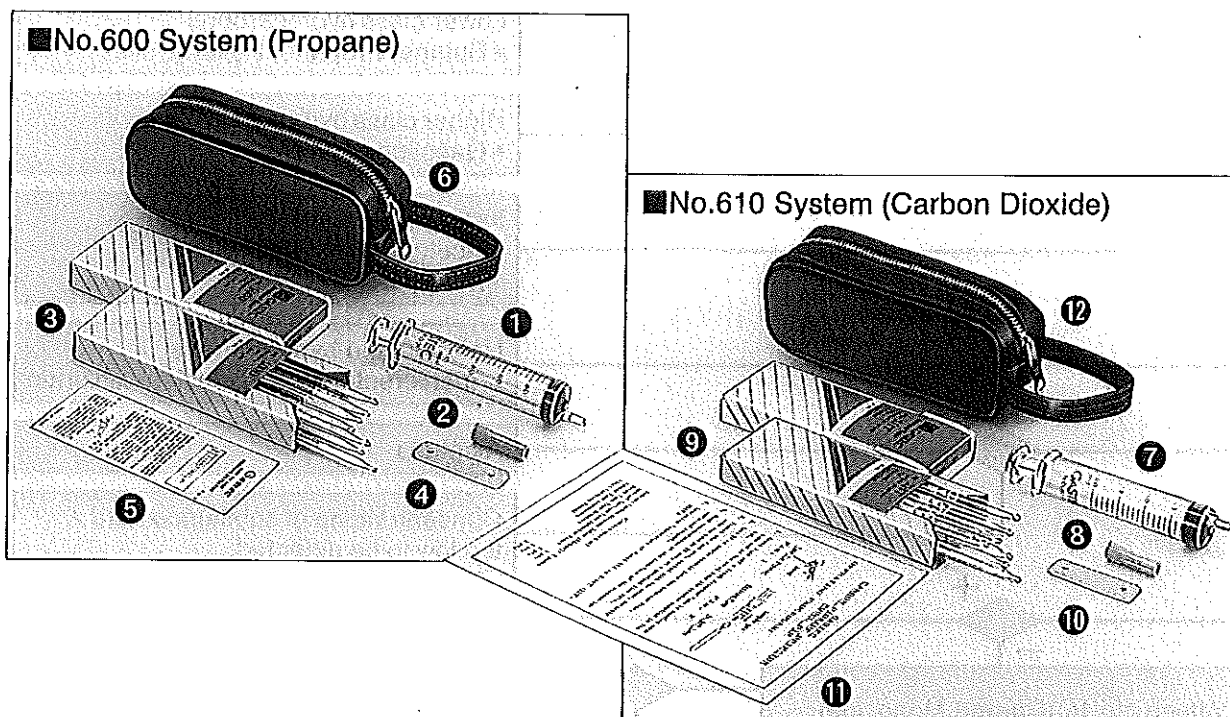


# Injection-Type Gas Measurement Systems (No.600 and No.610)

In No.600 and No.610 System, samples are injected into detector tubes by using a syringe in order to measure gases in very high concentrations or slow in chemical reactions. The No.600 System is for measuring propane, and the No.610 System for carbon dioxide.

## • Features

- Very economical measurements of high concentrations of propane (No.600 System) and carbon dioxide (No.610 System)
- Accurate, easy and quick measurements at the site

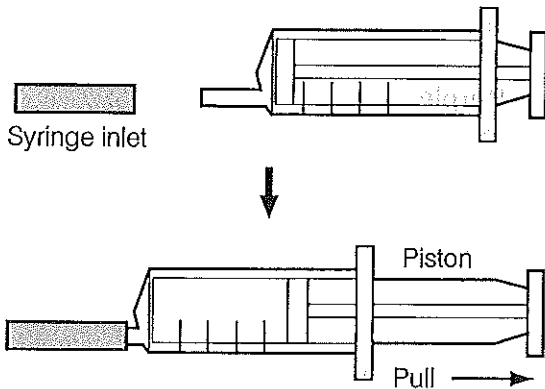


## ■ Injection-Type Gas Measurement Systems configurations

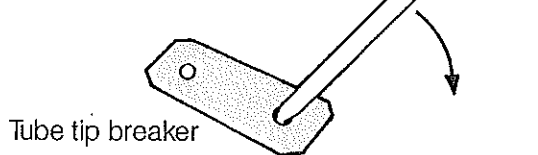
Components	No.600 System (Propane)	No.610 System (Carbon Dioxide)
Syringe (20 ml) Diameter Length Weight	No.601 (Photo ①) 23 mm (0.9 in) 130 mm (5.1 in) 16 g (0.03 lb)	No. 611 (Photo ⑦) 23 mm (0.9 in) 130mm (5.1 in) 16 g (0.03 lb)
Syringe inlet	1 (Photo ②)	1 (Photo ⑧)
Detector tubes 10 tubes/box	No.100B : 2 boxes (Photo ③)	No. 2HT : 2 boxes (Photo ⑨)
Tube tip breaker	1 (Photo ④)	1 (Photo ⑩)
Instruction sheet	1 (Photo ⑤)	1 (Photo ⑪)
Carrying pouch	1 (Photo ⑥)	1 (Photo ⑫)

## ■ Measurement procedure

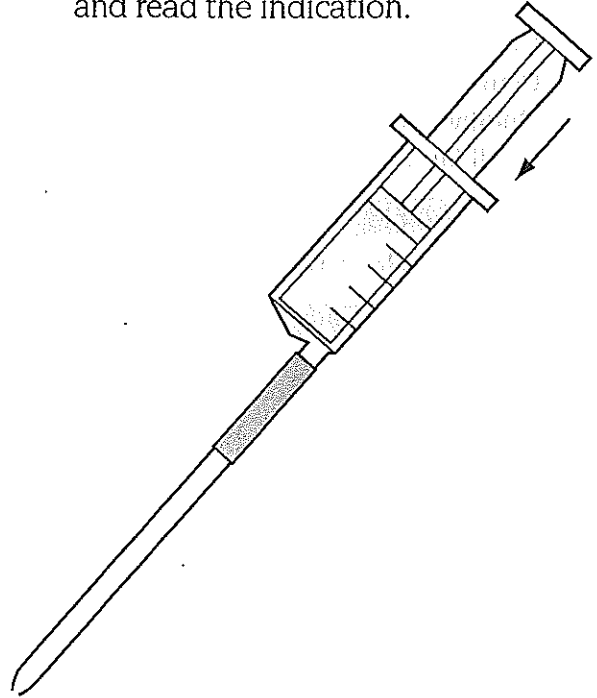
- ① Attach the syringe inlet to the syringe (No.601 or No.611) and collect 20 ml of sample into the syringe by pulling its piston.



- ② Break off both ends of a detector tube (No. 100B for No.601 syringe or No.2HT for No.611 syringe) by using the tube tip breaker.



- ③ Insert the tube securely into the syringe inlet with the arrow pointing away from the pump. Inject the sample collected in the syringe into the detector tube in 2 minutes (for No.100B) or 20 seconds (for No.2HT), and read the indication.



## ■ Injection-type detector tube Specifications

Specifications of No.100B and No.2HT are given in the following pages. Explanations of the specification items are the same as those for the Gastec standard detector tubes (see page 2-2).