

Standard Gas Analysis by Gas Analysis System

1. Analytical Condition

YL 6500 Series

Oven : 40 °C(8.5min) → 15 °C/min → 150 °C(2min)

->100 °C/min->40 °C (3min)

Column : Molecular sieve 13X, 1/8", 3ft, 45/60 mesh (No.13047-U)

Porapak N, 1/8"*10ft, 80/100 mesh (No.13052-U)

Carrier gas : Ar, 20 ml/min

Injector : 150°C

Detector : TCD(150°C, Sen=7, Ref 20), FID(230°C) (Series Connection), Methanizer : 350 °C

Injection Volume : 500ul

Valve Program : GSV 1 Off, GSV 2 Off => 0.1 min GSV 1 On => 8.5 min GSV 2 On

Signal Change : 5 min (TCD -> FID)

2. Chromatogram

