

Sheet1

Description	Model No.	
	1045	2045
Detector	Single	Dual (up to Three)
Injection System (Controlled from PC with Software common for all models)	Single Port (Dual optional application specific).	Single or Triple Port with 2 packed column and 1 PTV with split/splitless port.
Operating Temp. Range	Ambient to 350°C	Ambient to 450°C
Pressure Control System	Pressure regulator for Carrier as well as Air & H <sub>2</sub> for FID Mass flow controller for Carrier gas. (Optional) TCD.	Differential pressure regulator for Air & H <sub>2</sub> for FID Mass flow controller for Carrier gas
Column Oven Temp (Controlled from PC with Software common for all models)	Ambient to 350°C, reach within 6 min max. volume 4 Ltrs. enough for 2 packed column.	Ambient to 450°C, reach within 4 min. max volume 6 Ltrs. enough for 2 packed column and 1 capillary.
Cooling Speed	350°C to 50°C within 10 min. (Manual Control)	450°C to 50°C within 4 min. (Auto Control)
Over Heat Protection	Available Hardware / Software	Available Hardware / Software
Temp Programming	Ambient to 350°C (0.1°C/ min to 50°C/ min) with 7 ramps.	Ambient to 450°C (0.1°C/ min to 50°C/ min) with 7 ramps.
Optional Facility	Methanizer, (For Detection of CO <sub>2</sub> & CO in ppm level) 24 bit of software with PC having facility of control instrument condition, display of chromatogram, quantification of analysis and storage of analytical data.	Methanizer, (For detection of CO <sub>2</sub> & CO in ppm level) 24 bit of software with PC having facility of control instrument condition, display of chromatogram, quantification of analysis and storage of analytical data.
Accessories	Packed column silica gel/ molecular sieve 13 x Gas tight syringe, septa, Carrier gas Cylinders, 24 Bit data integrator & PC with printer.	Packed column silica gel/ molecular sieve 13 x Gas tight syringe, septa, carrier gas cylinders, 24 bit data integrator & PC with printer
Weight	Approx 8 kg	Approx 18 kg

<b>7045</b>
Dual (up to Three)
Dual or Triple Port with 2 packed column and 1 PTV with split/splitless port.
Ambient to 450°C
Electronic pressure controller for Air & H <sub>2</sub> / Digital flow controller for Carrier gas flows with complete control from software.
Ambient to 450°C, reach within 10 min. max volume 9 Ltrs. Can hold 2 packed columns and 1 capillary. (60 meter)
450°C to 50°C within 10 min. (Auto Control)
Available Hardware / Software
Ambient to 450°C (0.1°C/ min to 50°C/ min 20°C after 350°C with 7 ramps.
Methanizer, (For detection of CO <sub>2</sub> & CO in ppm level) cryogenic attachment for low temp (up to -99°C) application. Headspace sampler (HS) for batch analysis. Can be configured as per any standards such as ASTM or EPA methods with suitable dedicated software with analysis as per the method
Porapak-Pack column/DC 200 pack column, Gas tight syringe, septa, carrier gas cylinders, 24 bit data integrator & PC with printer
Approx 25 kg