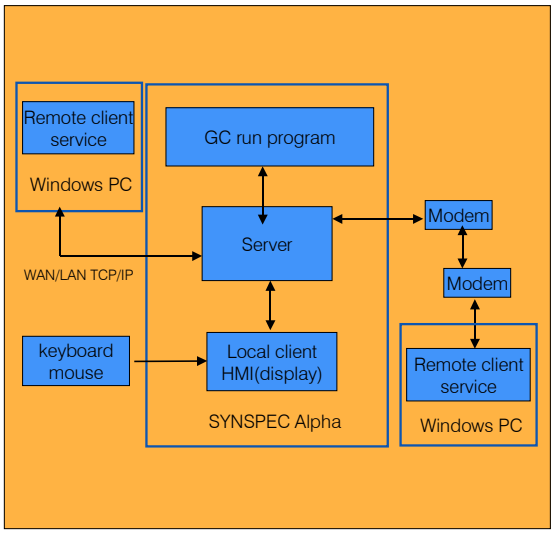
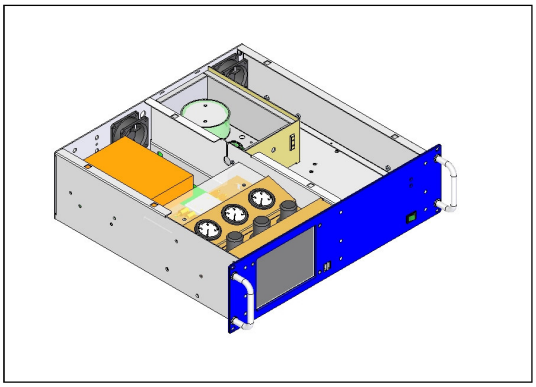
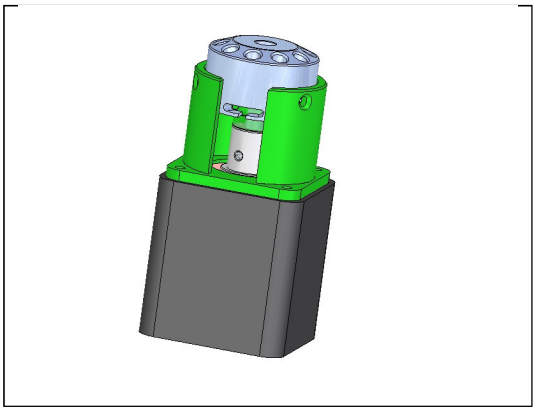


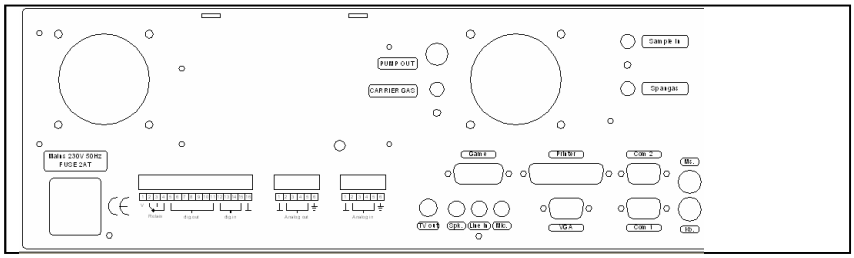
SYNSPEC ALPHA SOFTWARE

THE SOFTWARE OF THE SYNSPEC ALPHA SERIES WORKS ACCORDING TO A NEW PRINCIPLE. AUTOSTART OF THE GC RUN PROGRAM ENSURES CORRECT FUNCTIONING. THIS SOFTWARE COMMUNICATES TO A SERVER PROGRAM.

THIS SERVER CAN BE ACCESSED LOCALLY OR ON DISTANCE BY DEDICATED SOFTWARE FOR CLIENT AND FOR TECHNICANS FOR ALL NECESSARY FUNCTIONS: DATA TRANSFER INCLUDING ALARMS, CALIBRATION START, PROGRAM ADJUSTMENT, COMMUNICATIONS WITH EXTERNAL EQUIPMENT LIKE STREAM SELECTORS. THE ACCESS CAN BE LOCAL, BY MODEM OR VIA INTERNET. WINDOWS AND LINUX VERSIONS AVAILABLE.





GAS CHROMATOGRAPH	
METHANE AND TNMHC MODEL 115	Detector: FID. Levels: 0.1 ppm for methane, 50 ppb for TNMHC, FID detector, cycle time 6 -15 min
CONSUMPTION OF GAS	instrument air: dry and clean, 2.5 bar, 250 ml/min nitrogen, quality 5.0, 2.0 bar, 15 ml/min hydrogen, quality 5.0, 2,5 bar at 20 ml/min
RANGE	0.1 to 10 ppm up to 0.1 - 1000 ppm for Methane, 0.05 ppm to 100 ppm for TNMHC
REPRODUCIBILITY	1% of FS
HARDWARE AND COMMUNICATION OPTIONS	
INCLUDED HARDWARE	Computer Pentium class, harddisk >20 Gb, 6 " full colour LCD display, I/O 2 x RS232, 4 x USB, Ethernet, PS2 keyboard/mouse, touchscreen
INCLUDED SOFTWARE	Windows98, GC software
COMMUNICATION	direct control via keyboard or mouse, or via remote host (RS232/Ethernet/ modem), or via TCP/IP data exchange protocols available on demand
GC SPECIFICATION	Column with special M/TNMHC packing 10 port valve Synspec loop 2 ml detector FID
CALIBRATION	internal calibration switch for calibration with zero and span gas, gas stream required 25 ml at ambient pressure
PHYSICAL DATA	
DIMENSIONS	19" rack, 3 standard Height Units, depth 37.2 cm net
POWER DEMAND	220 V AC, 200 VA (110 V AC available)
TEMPERATURE RANGE	5 TO 40 °C
HUMIDITY	20 TO 95%
WEIGHT	12 KGS
GENERAL	
APPROVALS	CE approval for EMC conformity: EN 61010-1, EN 61000-6-2 and EN 60111-6-3
EXTRA FUNCTION	combination with stream selector possible

PRODUCER:
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NEDERLAND
FOR DISTRIBUTORS LOOK AT:
WWW.SYNSPEC.NL