

1	Liquidhandler Pipettiergerät Gilson / Agilent			
	S/N 250B0095	2000	1	funktionsbereit
	<p><b>sampler type:</b> XYZ robot with stationary rack design  <b>pumping system:</b> Integral high-precision single piston syringe pump  <b>dilutor syringe capacity:</b> 100, 250, 500, 1000, 5000, 1000 or 25000 ul  <b>front panel:</b> 8-character display, Start and emergency Stop soft keys  <b>carryover:</b> &lt;0,05% with 1000 ul probe rinse. See Appendix C for information on the method used to determine carryover  <b>liquid level sensing:</b> Capacitive  <b>probe posotioning performance: Accuracy:</b> + / - 0,5mm in X/Y dimensions  + / - 1 mm in Z dimension  <b>Repeatability:</b> + / - 0,25mm in X/Y/Z dimensions  <b>arm speed:</b> &gt; 45,7cm / sec (&gt; 18 in / sec in X dimension  &gt; 40,6cm / sec (&gt; 16 in / sec in Y dimension  <b>vertical punch strenght:</b> 4.1 kg (9.0 lb)  <b>horizontal motion strenght: X:</b> 5kg (11.1 lb)  <b>Y:</b> 7kg (15.6 lb)  <b>control:</b> 709 Sampler Manager Software or UniPoint System Software, Local control via Gilson XL, Keypad  <b>electrical control:</b> 4 inputs (contact closure, TTL or open-collector), 4 relay outputs, and one switched +24 V DC, 1 A output  <b>power requirements:</b> Frequency: 50/60 Hz  Voltage: 100-120V or 220-240V; mains voltage fluctuations not to exceed +- 10% of the nominal voltage  Current rating: 2.0 A for 100-120V or 1.0 A for 220-240 V  <b>environmental conditions:</b> Indoor use  Altitude: Up to 2000m  Temperature range: 5 - 40° C  Air pressure: 75 - 105 kPa  Pollution degree: 1 or 2 in accordance to IEC 66  Humidity: Maximum relative humidity 80% for temperatures up to 31° C, decreasing linearly to 50% relative humidity at 40° C  <b>dimensions (w x d x h):</b> 91.4 x 61 x 55.8 cm (36 x 24 x 22 in)*  *Maximum height. Z-arm height is adjustable to accommodate vessel heights between 1 and 150mm (dependent on installed Z-arm)  <b>weight:</b> 39,9kg (89 lb)</p>			