



SPECIFICATIONS

PLATEMASTER is a high quality 96-channel manual pipetting system that offers excellent accuracy and precision. The values given in the “Gilson maximum permissible errors” table below were obtained using PIPETMAN DIAMOND Tips. These values are guaranteed only when genuine PIPETMAN DIAMOND Tips are used.

PLATEMASTER P20 is certified with PIPETMAN DIAMOND Tips D200 and AmpliPur Expert Tips.

PLATEMASTER P220 is certified with PIPETMAN DIAMOND Tips D300 and AmpliPur Expert Tips.

Each PLATEMASTER is inspected and validated by qualified technicians in accordance with the Gilson Quality System.

The adjustment is carried out under strictly defined and monitored conditions (ISO 8655-6).

Gilson Maximum Permissible Errors

VOLUME*		GILSON		ISO 8655	
		SYSTEMATIC ERROR	RANDOM ERROR	SYSTEMATIC ERROR	RANDOM ERROR
PLATEMASTER P20 (0.5 – 20 µL) (P/N F110761)					
Min	1	±0.12	≤0.1	±0.4	≤0.20
	10	±0.12	≤0.1	±0.4	≤0.20
Max	20	±0.2	≤0.18	±0.4	≤0.20
PLATEMASTER P220 (2 – 220 µL) (P/N F110762)					
Min	2	±0.12	≤0.15	±8.0	≤3.0
	5	±0.25	≤0.175	±8.0	≤3.0
	20	±0.4	≤0.3	±8.0	≤3.0
	100	±1	≤0.6	±8.0	≤3.0
	200	±1.6	≤0.8	±8.0	≤3.0
Max	220	±1.8	≤0.8	±8.0	≤3.0

*All Values in Microliters