



pipetmax[®]

Maximize reproducibility of your biological sample prep



- +** MAXimize pace and capabilities with the ultimate lab assistant
- +** MAXimize consistency in routine pipetting tasks
- +** MAXimize reproducibility in biological assays

PIPETMAX versatility:

- Ideal for PCR, qPCR, cell-based assays, NGS prep, ELISA prep, tip-based sample prep and more in the same PIPETMAX
- Handles various samples: cells in tissue culture, microorganisms, body fluids, tissues
- Small reaction volumes
- Many types of labware and devices: 96, 384-well microtitre, strip plate, cell culture formats – no special requirements or trays
- PIPETMAN standards in reproducibility, precision and accuracy
- Easy configuration and run with a simple, touchscreen interface



No more user variation.

Free yourself from tedious pipetting jobs and free your results from inconsistencies due to pipetting errors.



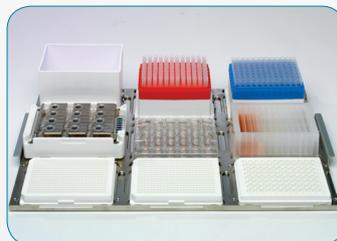
PIPETMAN inside.

With PIPETMAN inside, you can trust your pipetting to be reliable and consistent—plate to plate, lot to lot, time after time.



A truly open system: use any reagent, any protocol.

Configure and customize your run using any reagent and any protocol you want. The hardware and software are built to be customizable.



Versatile.

Your choice of hardware to fit your needs and the pipette heads can be calibrated like PIPETMAN.



Technical Specifications

Technical Specifications - PIPETMAX® 268

Pipette Head Specifications	Maximum Permissible Errors						
	Pipette Head	Volume of Distilled Water (µL)	Systematic Error (µL)	Random Error (µL)	Systematic Error (%)	Random Error (%)	
	MAX 8x20	1		±0.08	≤0.05	8	5
		10		±0.15	≤0.10	1.5	1
		20		±0.25	≤0.12	1.25	0.6
MAX 8x200	20		±0.50	≤0.16	2.5	0.8	
	100		±1.00	≤0.30	1	0.3	
	200		±2.00	≤0.50	1	0.25	

DIAMOND® Tips	DIAMOND® Tips	Volume Range (µL)	DIAMOND® Filter Tips	Volume Range (µL)
Sterilized option available for some tips.	D200	1–20	DF30	1–20
	DL10	1–20	DFL10	1–10
	D200	20–200	DF200	20–200

Arm and Tray Speed	500 mm/sec in X dimension 1–550 mm/sec (350 mm/sec default) in Y dimension (tray) 140 mm/sec in Z dimension
Communication	USB
Connections	3 USB host ports and one USB device port Two inputs (contact closure, TTL), two relay outputs, and one switched +12V DC 1A output NOTICE Switching voltages higher than 30V or greater than 1A of current may damage the instrument.
Control	Touchscreen tablet, laptop, or desktop computer control via USB and TRILUTION® micro software
Dimensions (W x D x H)	PIPETMAX 268 with rotating cover: 54.4 x 65.5 x 53.1 cm (21.4 x 25.8 x 20.9 in) PIPETMAX 268 without cover: 50.8 x 64.3 x 49.5 cm (20 x 25.3 x 19.5 in)
Environmental Conditions	Indoor use Altitude: up to 2000 m; Temperature range: 5°–40°C Humidity: Maximum relative humidity 80% for temperatures up to 31°C, decreasing linearly to 50% relative humidity at 40°C

Liquid Contact Materials	Description	Material
	Tips	100% Virgin Polypropylene
	Tip Disposal Bin (Off-bed)	Polypropylene
	Tip Chute	Pro-fax 6523 (Polypropylene with colorant); Aluminum 5052 with Polane G Plus paint
Power Requirements	External Power Supply Voltage Input: Frequency: 50 to 60 Hz; Voltage: 100–240V AC Voltage Output: Voltage: 24V DC; Current Rating: 6.25A, 150W	
Removable Tray Capacity	9 position removable tray (microplate footprints); 9 position removable tray for 384-well microplates	
Safety and Compliance	The PIPETMAX® 268 has been certified to safety standards specified for Canada, Europe, and the United States. Refer to the instrument rear panel label and the Declaration of Conformity document for the current standards to which the instrument has been found compliant.	
Weight	24.9 kg (55 lbs)	

Please be aware of the following before operating the PIPETMAX® 268.

NOTICE Changes or modifications to this device not expressly approved by Gilson could void the warranty.

The instrument complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This instrument may not cause harmful interference, and (2) this instrument must accept any interference received, including interference that may cause undesired operation.

Shielded cables must be used with the instrument to ensure compliance with the FCC Class A limits.

