

# distriman®

## FASTER MULTIPLE DISPENSING



### Simplifies Multiple Dispensing

Dispense exact volumes without tedious calculations.

Optimal pipetting results even with volatile or viscous liquids.

### Save Money

DISTRIMAN® covers a large volume range with only three DISTRITIP syringes - very economical and available in standard or sterilised form (boxes of 50).

DISTRIMAN is the only continuously adjustable mechanical repetitive pipette with direct volume readout available on the market.

DISTRIMAN	
Model	Part Number
DISTRIMAN (1 µL to 1.25 mL)	<b>F164001</b>



## DISTRITIPS

DistriTips (pk 50)	Aliquot Range	Part Number	Volume (µL)	Maximum Permissible Errors			
				Gilson		ISO 8655	
				Systematic error (µL)	Random error (µL)	Systematic error (µL)	Random error (µL)
125 µL Micro Micro ST*	1 - 12.5 µL	<b>F164100</b> <b>F164130</b>	Min. 2	± 0.100	≤ 0.080	± 0.2	≤ 0.1
			5	± 0.125	≤ 0.075	± 0.2	≤ 0.1
			Max. 10	± 0.200	≤ 0.100	± 0.2	≤ 0.1
1250 µL Mini Mini ST*	10 - 125 µL	<b>F164110</b> <b>F164140</b>	Min. 20	± 0.80	≤ 0.20	± 1.5	≤ 0.6
			50	± 1.00	≤ 0.40	± 1.5	≤ 0.6
			Max. 100	± 1.00	≤ 0.60	± 1.5	≤ 0.6
12.5 mL Maxi Maxi ST*	0.1 - 1.25 mL	<b>F164120</b> <b>F164150</b>	Min. 200	± 6.0	≤ 1.0	± 12.0	≤ 4.0
			500	± 7.5	≤ 1.5	± 12.0	≤ 4.0
			Max. 1000	± 10.0	≤ 2.5	± 12.0	≤ 4.0

\*ST means sterilised syringes (individually wrapped).



# ISO 17025 & GILSON PIPETTES

## Gilson Pipette with a Calibration Certificate Issued by ISO 17025 Accredited Lab

Around the world, the accreditation of pipette testing and calibration laboratories is based on the ISO 17025 international standard. ISO 17025 accreditation enables test data to be internationally validated and accepted.

This system of international mutual recognition allows test data to be equivalent throughout the world because they are linked to the same metrological chain of international standard weight.

Hence, the measure of the uncertainties derived from equipment, technicians, pipettes and tips which indicates the error range attributable to the measured quantities allows the accredited laboratory to attest to the pipette's reliability and ensures that it is within acceptable limits after calibration.

- Gilson ISO 17025-accredited laboratory in France provides the undisputable guarantee and confidence that our Quality System and Standard Operating Procedures have been thoroughly evaluated and approved by a legitimate third party.
- Gilson offers accredited calibration for new and serviced pipettes in full compliance with the ISO 17025 & ISO 8655 requirements.
- A certificate of calibration, approved by the French organization of accreditation (COFRAC), is delivered with each pipette. The certificate is recognized by international organizations of accreditation.
- In an on-going effort to address the growing demands for enhanced traceability and affordable ISO 17025 solutions, Gilson has been granted accreditation by the COFRAC for a special Gilson 3 volumes x 4 measurements method in addition to being accredited for the standardized ISO 8655 3 volumes x 10 measurements method. This enables us to offer ISO 17025 calibration at an attractive price.

- The standardized ISO 8655 method (3 volumes x 10 measurements).

- The special Gilson method (3 volumes x 4 measurements).



The calibration certificate with the uncertainty measurement is approved by the French Organization of Accreditation (COFRAC). This certificate includes the uncertainty budget defining the uncertainties for the involved measurements.



## New Pipettes with a Calibration Certificate Issued by the Gilson ISO 17025 Accredited Lab

To order a new pipette with a calibration certificate, add a **C** at the end of the reference for a 3 x 10 measurements method (standard ISO 8655), or a **CG** for a 3 x 4 measurements (Gilson method, available in French service centre recognised by accreditation organization).

Example:

- You need a **P100 delivered with a 3 x 10 measurements**:  
Order the following reference: **F123615C**
- You need a **P2N delivered with a 3 x 4 measurements**:  
Order the following reference: **F144561CG**

All mechanical, repetitive and motorized pipettes can be delivered with calibration certificate.

Please contact your nearest distributor for calibration certificate request form.



## Serviced Pipettes with a Calibration Certificate Issued by ISO 17025 Accredited Lab

Some Gilson service centers in the world are accredited (ISO 17025) for pipette calibration when using the gravimetric method (ISO 8655).

If your nearest service center is accredited, you can ask for a certificate of calibration including information about the conformity of your pipette. This certificate is recognized throughout the world and linked to the International System of Units.

If your local Gilson service center is not yet accredited, Gilson's Accredited Laboratory of Calibration, based in France, can provide you the following service offers:

ISO 8655 3 X 10 MEASUREMENTS METHOD (NO TIP CHANGE)	
Part Number	Description
PCI 001	Fixed volume Pipettes
PCI 002	Adjustable volume Pipettes
PCI 003	8 channel Pipettes
PCI 004	12 channel Pipettes

GILSON 3 X 4 MEASUREMENTS METHOD (NO TIP CHANGE)	
Part Number	Description
PGCI 001	Fixed volume Pipettes
PGCI 002	Adjustable volume Pipettes
PGCI 003	8 channel Pipettes
PGCI 004	12 channel Pipettes