



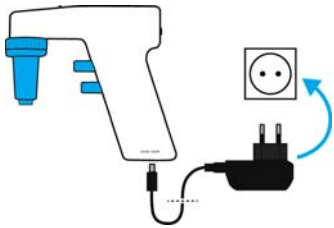
Quick Start Guide

TPP Pipettor Turbo-Fix



This quick guide is intended to provide a brief overview of the main features and operation of TPP Pipettor Turbo-Fix. For detailed information, please refer to the Operating Instructions of TPP Pipettor Turbo-Fix that can be found at www.tpp.ch in several languages.

Battery Charge



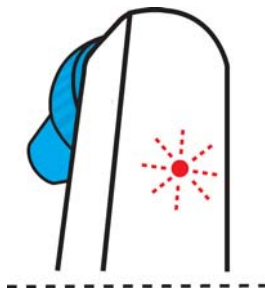
Plug in



Charge the battery completely before first use.

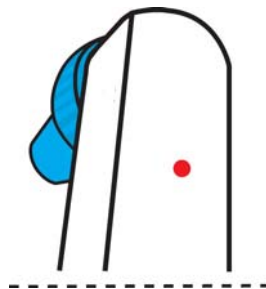
The supply voltage must meet the requirements of the mains adapter: 100-240 VAC, 50/60 Hz.

Low Battery



Red Blink

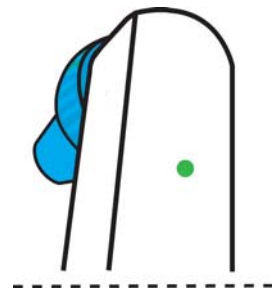
Charging Battery



Red

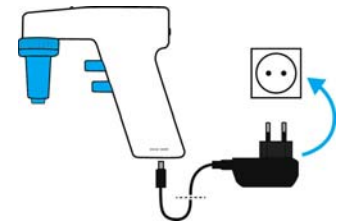
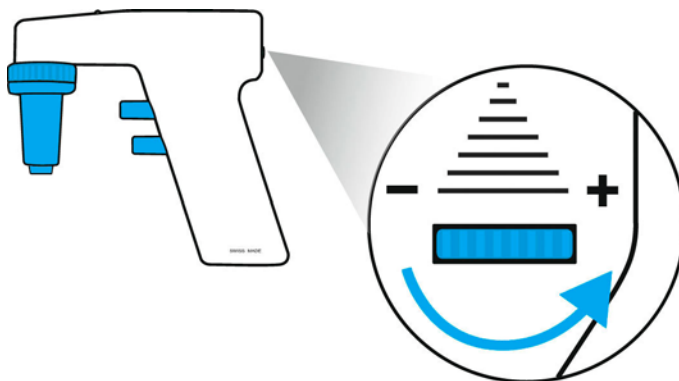
~ 3.5 h

Charged Battery



Green

General Speed Setting



Plug in for Turbo Speed

50 %
Speed

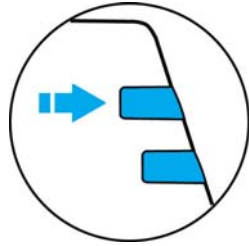
100 %
Speed

125 %
Turbo Speed

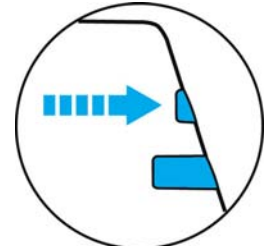


Manual Speed Control

A
S
P
I
R
A
T
E



Slow



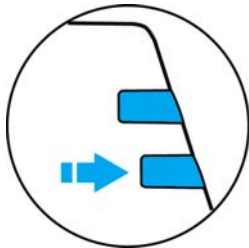
Fast

Gravity Dispense

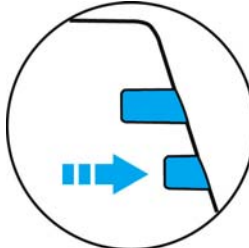
Slow

Fast

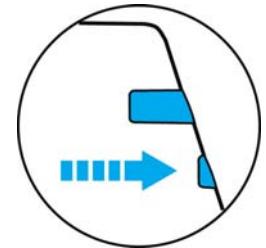
D
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Pump not running



Pump running

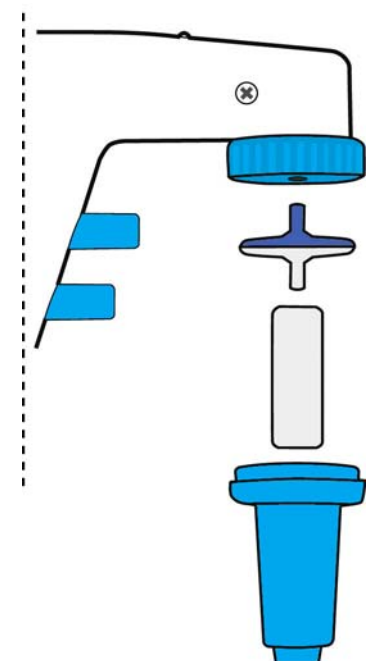
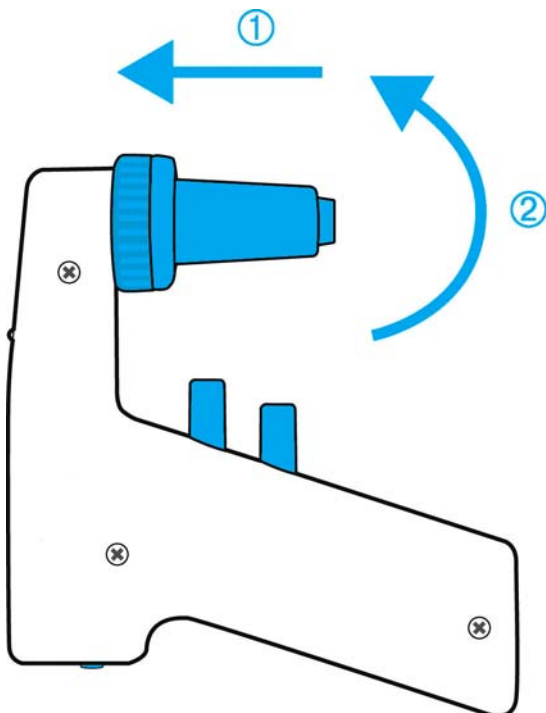


Pump running

Filter Exchange

Press (1) and turn 1/8th counter clockwise (2)

Replace the filter



Colored side facing upwards



GENERAL INFORMATION

TPP Pipettor Turbo-Fix

Intended Use

TPP Pipettor Turbo-Fix is a pipette controller designed for aspirating and dispensing aqueous solutions with plastic or glass pipettes in a volume range of 1 to 100 ml. It is intended for measurement, control and laboratory use.

Safety Notes

- 1) Do not use or charge TPP Pipettor Turbo-Fix in an atmosphere with danger of explosion. Do not pipette highly flammable liquids such as acetone or ether.
- 2) Comply with the material safety data sheet (MSDS) and with all safety guidelines when handling dangerous substances. Use protective clothing and safety goggles. Never point a pipette in anyone's direction.
- 3) Avoid pipetting of liquids whose vapours could attack the materials PA (polyamide), POM (polyoxymethylene), FPM (fluor-rubber), NBR (nitrile-rubber), CR (chloroprene) and silicone. Corrosive vapours could also damage metallic parts inside the device.
- 4) Use an original TPP mains adapter only. Protect it from moisture otherwise TPP Pipettor Turbo-Fix might be damaged.

Regardless of the listed safety notes, additionally applicable regulations and guidelines of trade associations, health authorities, trade supervisory offices, etc. must be observed.

Warranty

TPP Pipettor Turbo-Fix is designed and manufactured following high standards in quality and durability. They are warranted for a period of 12 months.

Equipment Disposal



TPP Pipettor Turbo-Fix device must not be disposed of with unsorted municipal waste.

Dispose of TPP Pipettor Turbo-Fix in accordance with the laws and regulations in your area governing disposal of devices.

Supplier

TPP Techno Plastic Products AG

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**Declaration of conformity | Konformitätserklärung |
Déclaration de conformité | Declaración de conformidad |
Dichiarazione di conformità**

TPP Techno Plastic Products AG – 8219 Trasadingen, Switzerland

**declares on its own responsibility that the product | erklärt in alleiniger
Verantwortung, dass das Produkt | déclare sous sa responsabilité exclusive,
que le produit | declara bajo su propia responsabilidad que el producto |
dichiara sotto la propria responsabilità che il prodotto**

TPP Pipettor Turbo-Fix

**in accordance with EC directives | gemäss der EU-Richtlinien |
est conforme au terme de la directives CE | de acuerdo con las directivas CE |
in conformità alle direttive CE**

2006/95/EC	Low voltage equipment
2004/108/EC	Electromagnetic compatibility
2011/65/EC	Restriction of Hazardous Substances
2002/96/EC	Waste Electrical and Electronic Equipment
2009/129/EC	Eco Design Directive
2006/66/EC	Battery Directive

**is in compliance with the following normative documents: | mit den folgenden
normativen Dokumenten übereinstimmt: | aux documents normatifs ci-après: |
cumple las documentos normativos: | soddisfa le normative seguenti:**

EN 61010-1	Safety requirements for electrical equipment for measurement, control and laboratory use - General requirements.
EN 61326-1	Electrical equipment for measurement, control and laboratory use - EMC requirements.

Standards for Canada and USA

CAN/CSA-C22.2 No. 61010-1	Safety requirements for electrical equipment for measurement, control and laboratory use - General requirements.
UL Std. No. 61010-1	Safety requirements for electrical equipment for measurement, control and laboratory use - General requirements.

FCC, Part 15, Class A Emission

Trasadingen, October 25, 2013

**Rolf Tanner
CEO**

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