

accu-jet[®] pro

The BRAND accu-jet[®] pro pipette controller incorporates comfort and performance features that make it one of the most popular pipette controllers in the market.

- **Comfort:** The accu-jet[®] pro is contoured for better fit for small and large hands. It is light weight and well balanced for low-fatigue pipetting.
- **Control:** Pressure-sensitive buttons control pipetting speed, plus a motor-speed-limiter control thumbwheel adds extra assurance with pipettes as small as 0.1 mL.
- **Charge Indicator:** Do not worry about your pipette controller failing on you in the middle of your work. An LED indicates when approximately 2 hours of charge time is left. Instrument can be operated while charging.
- **Advanced Electronics:** The accu-jet[®] pro features a long-life, environmentally-friendly Nickel-Metal hydride battery, with a special pulsed-mode charger to eliminate "lazy-battery effect." Instrument supplies approximately 8 hours of continuous pipetting (with a 10 mL pipette) without recharging! LED indicates low battery.
- **Ergonomic Design:** The accu-jet[®] pro weighs only 190g (6.7oz.) and features a smoothly curved shape to eliminate pressure points for operator comfort.
- **Corrosion Protection:** A built-in check valve protects against liquid penetration. The unique active vapor exhaust system vents externally to protect internal components.



The New Standard in
Pipette Controllers.



accu-jet[®] pro pipette controller

User-Accessible Battery Compartment

Easy-access battery compartment makes changes a snap! Two covers are included - one with ridges to allow inverted storage of the accu-jet[®] pro on the bench.

Low Battery Indicator

Red LED lights up when there are two hours of pipetting left in the battery.

Hydrophobic Filter

Includes 0.2µm filter for tissue and cell culture applications. Optional 3µm filters are available for pipetting to Class A tolerances.

Silicone Adapter (inside)

The silicone adapter with a built-in check valve provides a firm fit for glass and plastic pipettes from 0.1 to 200mL with a suction tube outer diameter of max. 9.2mm and reduces risk of over-aspiration. Adapter support, silicone adapter and integral membrane filter are autoclavable at 121°C (250°F).

Mode Switch

Select either powered delivery for tissue and cell culture applications, or gravity delivery for analytical applications.

Motor Speed Control Thumbwheel

Adjust maximum pipetting speed for enhanced control with small volume pipettes.

Intuitive Push-Button Control

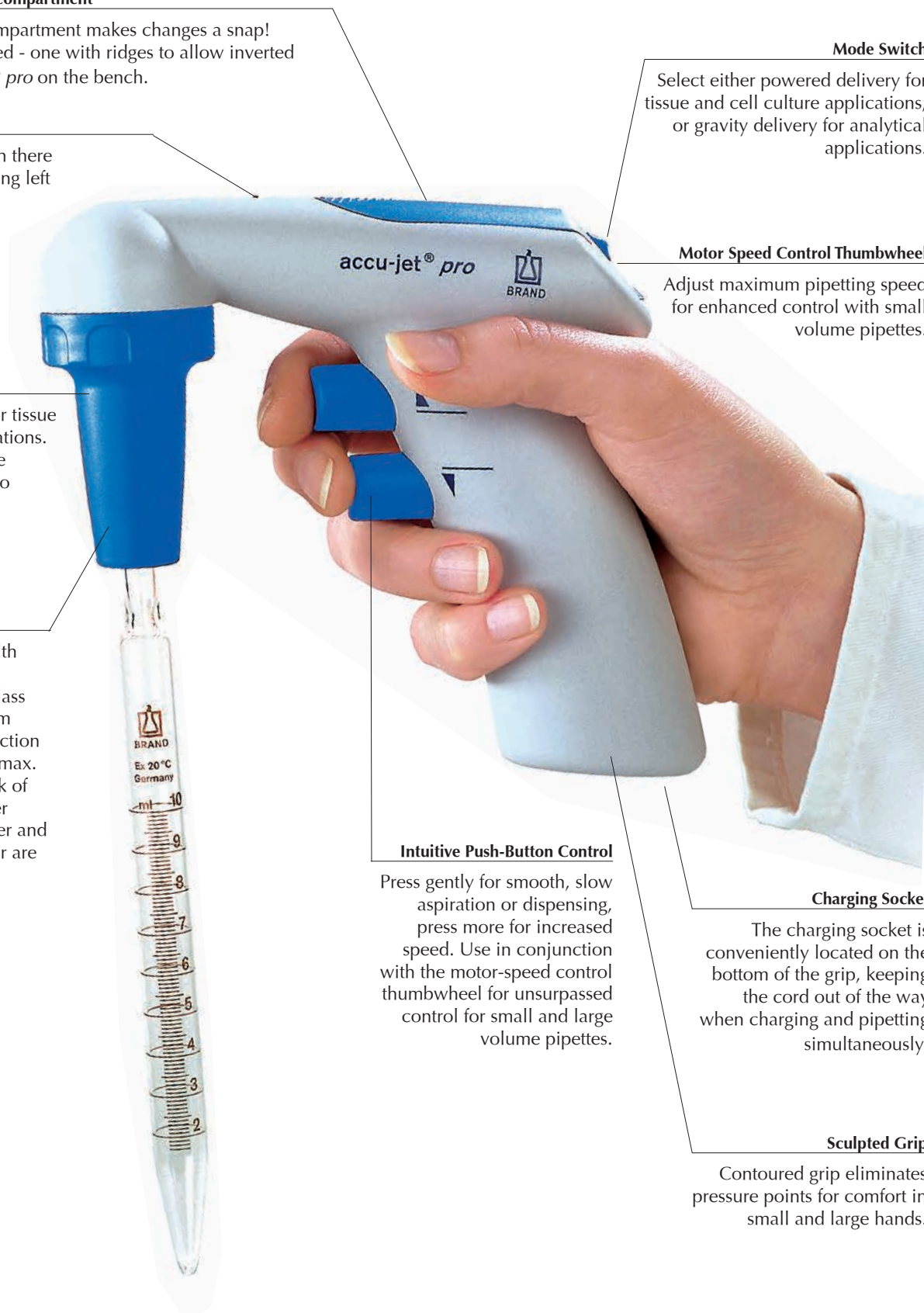
Press gently for smooth, slow aspiration or dispensing, press more for increased speed. Use in conjunction with the motor-speed control thumbwheel for unsurpassed control for small and large volume pipettes.

Charging Socket

The charging socket is conveniently located on the bottom of the grip, keeping the cord out of the way when charging and pipetting simultaneously.

Sculpted Grip

Contoured grip eliminates pressure points for comfort in small and large hands.



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Relaxed Operation

Mission: Control

The accu-jet® pro adds a motor speed limiter to the pressure-sensitive buttons to provide accurate, intuitive control for the complete spectrum of pipettes from 0.1mL to 200mL.

- **Filling** Simply adjust the overall pipetting speed using the speed limiter thumbwheel, and use the upper button to bring liquid into the pipette; the powerful internal pump can draw 50mL in less than ten seconds.
- **Gravity-delivery mode** Free descent of meniscus for volumetric accuracy—ideal for analytical applications.
- **Power-delivery mode** Continuously adjustable dispensing speed from powered stream to dropwise dispensing including soft blowout—ideal for tissue culture applications.

Speed limiter for extra assurance

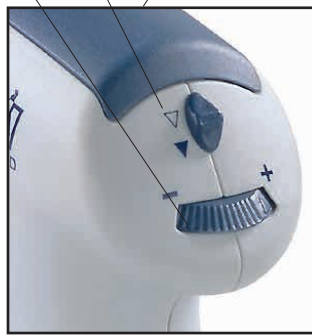
For extra protection against over-aspiration or excessively powered discharge, set the speed limiter dial at low. For faster or larger volume, set at high. Pipette controller buttons still provide touch-sensitive speed control within the selected speed range.

Recharging

Dual-mode charger provides a quick charging of the environmentally-friendly NiMH battery in only four hours. After the full charge is complete, the charger switches automatically to a pulsed mode, to eliminate “lazy battery effect.” The accu-jet® pro is fully functional during recharging.

Storage

Ridged battery cover allows inverted storage of the instrument on the benchtop. To save bench space, an included wall support comes with snap tapes for easy cleaning.



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Technical Data

Available in colors

The accu-jet® pro comes in four different color accents for personal preference or color-coding by laboratory or application. Select from Dark Blue, Magenta, Green or Royal Blue.

Operating limits

Temperature of instrument and reagents must be between 10° and 40°C (50° and 104°F).

Items supplied

The accu-jet® pro pipette controller is supplied with:

- Wall support, gray
- NiMH battery
- Two battery covers; one smooth, one ridged
- Two spare, sterile* 0.2µm membrane filters
- Charger (US plug models listed, others available)
- Operating manual
- One-year warranty

ORDERING INFORMATION

Description	Cat. No.	2014 List Price
accu-jet® pro Pipette Controller with wall support, spare membrane filters (0.2µm) & charger (100-240V, 50-60Hz, US plug)		
accu-jet® pro Pipette Controller, Dark Blue	26330	\$407.00
accu-jet® pro Pipette Controller, Magenta	26331	407.00
accu-jet® pro Pipette Controller, Green	26332	407.00
accu-jet® pro Pipette Controller, Royal Blue	26333	407.00

Spare Parts and Accessories

Wall support, gray	26540	44.00
Silicone adapter with PTFE check valve	26508	25.60
Snap tapes, 12 x 65mm	26542	22.40
Spare NiMH battery	26630	26.60
AC adapter Input: AC 100-240V, 50-60Hz, US plug Output: DC 5V/200mA	26603	59.00
Membrane filter, 0.2µm, blister pack, sterile*, each	26530	10.40
Membrane filter, 0.2µm, non-sterile, pack of 10	26535	84.00
Membrane filter for Class A pipetting, 3µm, blister pack, non-sterile, each	26052	12.60
Membrane filter for Class A pipetting, 3µm, non-sterile, pack of 10	26056	68.40

* Sterilized with ethylene oxide (EO)



NEW!

A laboratory standard for decades, the macro™ pipette controller has been completely redesigned for even finer control of all volumetric and serologic pipettes from 0.1-200mL. All of the function that made this the world's favorite manual pipette controller has been retained - from the "one-size-fits-all" silicone adapter, the reinforced ridge for easy tip wiping, and the sensitive toggle for smooth aspiration and dispensing.

- **Simplifies Pipetting:** Operation is as simple as squeezing the suction bellows and adjusting a lever. One squeeze of the bellows powers aspiration and dispensing up to 50mL. Equipped with a convenient blow-out bulb to empty "to contain" pipettes. The macro™ is an excellent tool for laboratories with multiple and novice users.
- **Fits Most Pipettes:** The macro™ is compatible with glass and plastic 0.1 to 200mL serological, volumetric and graduated pipettes with a maximum suction tube outer diameter of 9.2mm, calibrated "to deliver" and "to contain." The modified control mechanism allows finer control with small volume pipettes.
- **Improves Lab Ergonomics:** The macro™ eliminates the awkward hand positioning associated with rubber pipette bulbs while increasing control of meniscus-level and flow rate. Relaxed grip design, low weight 125g (4oz.), and low-resistance operation minimize strain from prolonged pipetting.
- **Pipettes to Class A Tolerances:** A 3µm hydrophobic membrane filter (included) reduces cross-contamination, protects against overaspiration, and allows proper drain times for Class A pipettes.
- **Autoclavable for Decontamination and Sterile Pipetting:** The macro™ withstands repeated autoclaving at 121°C (250°F).

The improved macro™. Comfortable, convenient meniscus control.



macro™ pipette controller

Suction Bellows

Just a simple squeeze of the suction bellows powers the aspiration of up to 50mL. Need to fill a 100mL pipette? Just squeeze the bellows again and continue! The bellows are replaceable, if necessary, after years of use.

Blow-Out Bulb

Simply press the convenient blow-out bulb to empty the last drop from blow-out pipettes.





Unique Valve System (inside)

Wide air channels allow fast filling of large pipettes. Sensitive valves give precise control of low-volume pipettes. The replaceable valve system is designed to ensure appropriate drain times for accurate measurement.

Pressure Release Valve (inside)

Facilitates easy compression of the suction bellows.

ORDERING INFORMATION

Description	Cat. No.	2014 List Price
macro™ Pipette Controller with spare 3µm filter and operating manual		
Gray 	26200	\$84.00
Blue 	26202	84.00
Magenta 	26203	84.00
Green 	26201	84.00
Membrane filter, 3µm (PP, PTFE), non-sterile, each	26052	12.60
Membrane filter, 3µm (PP, PTFE), non-sterile, pack of 10	26056	68.40
Silicone adapter, 44mm long, each	26146	8.20
Adapter housing (gray PP) 49mm long, each	26220	8.20
Silicone suction bellows with gray PP screw ring, each	26225	30.60
Valve system (PP, PTFE, Silicone), each	26128	33.00



Simple thumb pressure controls aspiration and dispensing speed.

Pipetting Lever

A single lever controls filling, meniscus setting, and delivery speed, improved for finer control with small volume pipettes. Aspirate quickly for productivity, or slowly for meniscus control. Press down gently on the lever to dispense drops; press firmly for a steady stream.

Pipette Adapter with Filter (inside)

Detachable, autoclavable silicone adapter fits 0.1-200mL pipettes. Hydrophobic filter limits over aspiration into unit.