

Acura® manual 810 dilution pipette HIGHLIGHTS

Two pre-calibrated volumes



No volume setting required when pipetting 1 mL and 0.1 mL. Both volumes are pre calibrated at distinct stops along the same plunger stroke. To increase flexibility, it is possible to use any one or both volumes when performing dilutions.

Excellent ergonomics



Carefully studied instrument shape and lightweight offer most convenient pipetting comfort. Smooth activation on the whole plunger travel drastically reduces hand fatigue.

The precision pipette offers much more than superior performance. Enjoy the exceptional convenience, comfort, safety and sturdiness, enjoy your Acura®.

Adjustable straw tip ejector



Most ergonomically positioned, the large surface, soft padded ejector button provides for low-pressure activation. In addition to ease of tip ejection, the shaft height adjustment system called Justip (4 mm span) – controlled by efficient click-stops – allows a wide selection of straw tips to tightly fit the nozzle.

Long straw tips



Polypropylene straw tips are specially designed for easy reach deep into narrow vials and Stomacher bags. The 190 mm long / 4 mm inside Ø allows pick up of particle containing liquids. Pack contains 20 x 25 sterile straws, Cat. No. 313.1100.

Nozzle protection filter



Added protection against liquid fill and contamination is provided by the interchangeable PE nozzle filter.

Color coding at will



All Acura® manual pipettes have color-coded display windows and *Smarties* button caps suggesting a selection of suitable tips. Are other color combinations desirable for individual, lab or department identification? Then choose among 14 colors of *Smarties*, or pick the smartie mix which contains all colors.

Autoclavable



Maintenance requirements are limited to a minimum. Thorough cleaning and sterilization can be achieved by autoclaving the instrument fully assembled (121°C / 250 °F - 20 minutes)

QC certificate

Quality Control Certificate

Instrument

MODEL/CAT. NO.: ACURA 810/1100
 VOLUME RANGE: 100-1000 µl
 SERIAL NO.: 10382013 NEW

Test date

CONTROL DATE: 9-Oct-2006
 OPERATOR ID: LM
 BALANCE: checked against Swiss master standard
 AIR TEMP.: Between 20-28°C (+/- 0.5°C)
 AIR PRESSURE: 972 hPa
 WATER TEMP.: 22 ± 1°C
 LIQUID DENSITY: 0.997077 g/cm³
 METHOD: Based on DIN 1950, ISO 8655

Test results

VOLUME	MEAN	INACC./BIAS	IMPRECISION	SD	CV
100 µl	99.88 µl	± 0.02 µl	SD	0.20 µl	0.20 %
Status:		passed	passed		
1000 µl	1001.00 µl	± 1.00 µl	SD	0.15 µl	0.02 %
Status:		passed	passed		

[-] = Total error [SD] = Standard deviation [CV] = Coefficient of variation

Warranty Conditions

This product is guaranteed for a three year period against any manufacturing or material defect. Cases due to the non-compliance of operating and safety instructions as well as colour alterations are excluded from the warranty. Cases return authorization from distributor from whom it was purchased prior to returning it for repair. Cases and discontinue instrument before shipping.

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Each instrument bears its own serial number and passes strict performance control attested by an individual QC certificate.



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