



Digitrate™, Digital Burettes, 30 and 50 ml

Superb accuracy in the volumetric analysis of liquids from these two electronic dispensers.

Eliminate the problems of conventional titration in a simple and infinitely flexible way with the micro-processor-controlled Digitrate™ bottle top digital burette.

Fast, multiple titrating and dispensing is made simple and accurate as Digitrate's electronic display gives an instant, continuous reading of the volume of fluid dispensed. This feature, combined with its low gearing, enables dispensing in individual increments of 0.01ml with an accuracy within $\pm 0.2\%$ and a precision better than 0.1% CV on the maximum volume.

The Digitrate™ head can be conveniently rotated 360° for operator safety and comfort, whilst the see-through barrel ensures bubble-free titration. When left unattended, Digitrate™ will automatically switch off without losing the previous titrated volume. The Digitrate™ will not drip when in static mode

Optimum Operator Safety

A new safety pedestal valve allows the Digitrate fluid path to be turned off manually to prevent accidental delivery. Its right-angled spout is also designed to enhance safety in use, particularly when dispensing into narrow neck containers.

Digitrate's robust, chemically resistant outer casing does not move during the priming or dispensing sequences whilst its PTFE plunger and borosilicate glass barrel allows dispensing of aqueous solutions and some aggressive liquids.

Additionally the Digitrate's glass barrel can be disassembled from the pedestal for thorough cleaning. This also ensures that in the unlikely event of damage, you can replace the glass barrel as a spare part rather than have to buy a new digital burette.

Extendable Delivery Jet

A new optional PTFE extendable delivery jet gives versatility to your dispensing.

Portability

Digitrate™ is powered by a 3.6V lithium battery giving a minimum life of 60,000 three-minute titrations. Automatic low battery voltage is indicated on the large easy-to-read LCD window.

Sterilisation/Autoclaving

Digitrate's liquid-path parts are easily disassembled for sterilisation or autoclaving at 121°C 2 Mbar.

Quality

Each Digitrate™ is manufactured to an accredited quality system; ISO 9001:2000. A calibration certificate complete with the unit's serial number is supplied with each unit. Digitrates are CE marked.

Calibration

Digitrate™ can be calibrated in your own laboratory to suit local conditions or where viscous liquids are to be titrated.

Cat. No.	Description	Max. volume, ml	Price
182-000	Digitrate™ (with 33, 38 and 45mm adaptors)	30	POA
182-001	Digitrate™ (with 33, 38 and 45mm adaptors)	50	POA

Accessories

Cat. No.	Description	Price
263-058	Extendable delivery jet	POA
262-140	33mm threaded bottle adaptor	POA
262-129	38mm threaded bottle adaptor	POA
262-128	40mm threaded bottle adaptor	POA
262-130	45mm threaded bottle adaptor	POA
262-085	Funnel with offset stem for filling reservoir side neck	POA

Anti-tip Reservoirs

Cat. No.	Description	Capacity litres	Price
262-086	Amber squat reservoir with side filler neck	1.4	POA
262-103	Amber squat reservoir with side filler neck	2.5	POA
262-087	Amber Winchester reservoir with side filler neck	2.5	POA
262-096	Clear glass reservoir with plastic coating and finger-grip handle (single neck)	2.5	POA
262-097	Amber glass reservoir with plastic coating, finger-grip handle and adaptor (single neck)	4.5	POA

182-001



262-103



263-058

New



262-087

262-096

262-097