Kartell SpA DIVISIONE LABWARE	TECHNICAL DATA SHEET ITEM 83250	Mod. AQ 001 Rev. 0 del 25/09/2003

TECHNICAL SPECIFICATIONS

Trade Name	**Technotrate digital burette**
Use	Digital burette ideal for exact titration directly from bottles both in the laboratory and in the field . It adequately allows dosage volumes of up to 50 ml with 0.01 ml increases to be covered and the dosage velocity can be selected from fast mode to drop-by -drop mode
Other Features	Supplied in series with A25, A28, A32/45 and S45 threaded adaptors and PTFE apiration, discharge and recirculation tubes. Battery charger: 100-240V/50-60Hz Auto-off function after 3 minutes of non use. Precision mechanism for simple filling and elimination of air without reagent loss problems

DIMENSIONAL SPECIFICATIONS

Capacity	0 ml - 50ml
Incr.	0,01 ml
Precision ≤ +/- %	0,2
CV ≤ +/- %	0,1



GENERAL FEATURES

CE Mark	Yes
Autoclavability	No
Sterilization	Not foreseen
Body	Plastic body
Display	Large liquid crystal display also for the continual display of the dispensed volume
Use temperature	From + 10°C to + 40°C
Temperature for transport and storage	No warmer than +60° C
Calibration	Simple. Permanet calibration refers to water at +20°C. In any case when using liquids of different viscosity/density it can be easily and quickly recalibrated by pressing the dedicated button
Preselection of the titration volumes	Made particularly simple by pressing only the dedicated DOS button, looking at the display, and with just a few turns of the handle the burette cylinder is filled. The special memory button MEM helps you avoid complex calculations
Easy and safe	By turning 180° the delivery tip make all the liquid in the discharge tube flows inside the bottle and prevents the splitting of inappropriate liquids. The components that come into contact with the reagents are made of hight resistance plastic
Preliminary test	Tested one by one at the end of production has quality certification and an individual serial number
Battery	Rechargable
Values storage	Can store up to 1000 dosage and titration values which can be downloaded onto computers or printers using the specially provided interface

Quality Assurance
Massimiliano Capitanio

Technical Direction
Guido Borona

This paper is an electronic print-out: signature is not requested

CHEMICAL RESISTANCES (parts in contact with fluids)

Categories of substances	Reference	Concentr. %	T. 20° C	T. 40° C	T. 60° C
Inorganic Acid	Sulphuric acid	98	B	C	
Organic Acid	Benzoic acid	100	A	B	B
Alcohol	Ethanol	100	A	A	A
Aldehydes	Acetaldeyde	100	B	C	
Inorganic alkali	Isodium hydroxide	50	A	A	A
Organic alkali	Aniline	100	A	B	C
Ketone	Acetone	100			
Esther	Ethyl acetate	100	B	B	C
Hydrocarbons, halogenated	Dichloroethylene	100	C		
Hydrocarbons, aromatic	Benzene	100	B	C	
Hydrocarbons, linear	Hexane	100	B	B	C
Supersolvent	Tetrahydrofuran	100	B	B	C

Legenda (not applicable if neglected)**:**

- **A: fair resistence;** exposure (30 days) to the chemical does not cause any damage.
- **B: sufficient resistence;** exposure causes damage of poor importance, which sometimes is only temporary.
- **C: poor resistence;** exposure to chemical is not allowed, or causes immediate permanent damages.

Results of testing with reference materials are to be considered as indication: in case of specific use it is recommended to carry out preliminary testing.

Information about resistance of plastic materials to temperatures, steriization and washing treatments are based on bulletins issued by the Producers of raw materials , on literature data and on the experience gained in using the products

PACKAGING

Box	1 pc

Quality Assurance
Massimiliano Capitanio

Technical Direction
Guido Borona

This paper is an electronic print-out: signature is not requested