



Veterinary medical device

Urine Analyzer

thinka RT-4010



Urine analyzer for animals Automatically give urine protein-creatinine ratio of dogs and cats

Displays urine protein-creatinine ratio (UPC) in five levels

Screening of proteinuria is possible without being effected by dilution or concentration of urine. UPC has strong correlation with gross protein discharge. IRIS (International Renal Interest Society)* introduced evaluation systems of kidney diseases according to stage classification, which indicates the highly valued significance in measuring UPC.

* Reference: IRIS Staging of CKD

Device & reagent for animals

Measurement is possible in two modes for dogs and cats, which can be switched easily before measurement.



Dog mode



Cat mode

Streamline work by saving steps

Performing visual inspection with this instrument saves the manual work for testing. Printed test results can be pasted on the health record to explain to the pet owner.

Palm-sized meter

Printer is detachable from the meter, increasing the mobility inside clinics or for doctor's visit.



Multiple functions

The small body is packed with features such as colored urine compensation and temperature compensation.

Easy operation and maintenance

The operation is simple. Just press the start key and place a test strip

Special test strip

Veterinary medical product, in vitro diagnostic product

thinka Urine Test Strip



Measurement items	GLU	PRO	ALB	BIL	CRE	pH	BLD	KET	NIT	LEU
thinka Urine Test Strip 10UB	●	●	●	●	●	●	●	●	●	●*

*for dogs only

Specifications	
Storage conditions	Store in room temperature (1 to 30 °C).
Shelf life	Two years after production
Package unit	100 strips per bottle

Meter specifications		Printer specifications	
Measurement sample	Urine	Printer	Thermal line printer
Target animals	Dogs and cats	Recording paper	Thermal paper 58mm (W) x φ26mm
Measurement principle	Test strip: Dual wavelength reflectance method (one wavelength for BLD measurement)	Dimensions	125 (W) x 133 (D) x 36 (H) mm
Measurement wavelengths	Three LED wavelengths (565, 635, 760nm)	Weight	180g (without paper)
Sample application method	Manual dipping	Power supply	AC adapter 7.5V 3A
Compatible test strips	thinka Urine Test Strip	Power consumption	20W
Turnaround time	50 tests / hour	Mechanical connection with meter	Easy lock function
Reaction time	Approximately 60 seconds / test	Electric connection with meter	Contact connection
Display	Custom LCD	※Design and specifications may be changed without prior notice	
Memory capacity	100 tests		
External output	Compliant with RS-232C		
Measurement environment	Temperature: 10 to 30°C, humidity: 30 to 60%RH (no condensation) * Temperature compensation function used.		
Dimensions	124 (W) x 81 (D) x 36 (H) mm		
Weight	180g (without batteries)		
Power supply	Instrument only: two AA alkaline batteries or AC adapter Instrument with printer: AC adapter 7.5V 3A		

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