

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.





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

Printer specifications

Recording paper

Dimensions

Power supply

Power consumption

Mechanical connection with meter

Electric connection with meter

Printer

Weight

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 on the meter. Maintenance work is also minimized.

Special test strip

Veterinary medical product, in vitro diagnostic product



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thinka Urine Test Strip 10UB	•	•	•	•	•	•	•	•	•	•*

*for dogs only

Specifications		
Storage conditions	Store in room temperature (1 to 30 $^{\circ}$ C).	
Shelf life	Two years after production	
Package unit	100 strips per bottle	

Meter specifications	
Measurement sample	Urine
Target animals	Dogs and cats
Measurement principle	Test strip: Dual wavelength reflectance method
	(one wavelength for BLD measurement)
Measurement wavelengths	Three LED wavelengths (565, 635, 760nm)
Sample application method	Manual dipping
Compatible test strips	thinka Urine Test Strip
Turnaround time	50 tests / hour
Reaction time	Approximately 60 seconds / test
Display	Custom LCD
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 alcaline batteries or AC adapter
	Instrument with printer: AC adapter 7.5V 3A

^{*}Design and specifications may be changed without prior notice

20W

Thermal line printer

180g (without paper)

AC adapter 7.5V 3A

Easy lock function

Contact connection

Thermal paper 58mm (W) x ϕ 26mm

125 (W) x 133 (D) x 36 (H) mm

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