

UROMIC TANGO



MEDKONSULT

Urodynamic system Uromic TANGO – Product data

Compact and ergonomic device for urinary tract functional diagnostics in urology, urogynecology and other fields. Designed for working in sitting position. Measurement using up to 8 channels simultaneously. Two uroflowmeters, a weight transducer or a spinning disk transducer can be connected. Four pressure measurement, wide range of sensors (from classic tensometers or MikroTip catheters to modern „air charged“ catheters). Two channels for EMG and biofeedback. Can be also used in anorectal or esophageal manometry. Equipment for videourodynamics (full PAL resolution); the software enables creation of image data-bases. Connecting with ultrasound modul with abdominal, transrectal or transvaginal transducer („endfire“ type) available. Documentation: inbuilt ink printer, Wifi connection with black-white or colour printer.

Uroflowmeter – weight transducer

Number of channels: 2-weight transducers (usually one, optimum 2)
Measurement range: 0–50 ml/s, capacity 0–900 ml
Accuracy: +/- 5 % from range

Pressure

Number of channels: 4
Transducers: T-DOC Air chaged; transducers for measuring with water column, disposable or reusable, with dome, MTC-micro Tip transducer
Measurement range: -50 - +250 cm H₂O
Accuracy: +/- 6 % from range

EMG

Number of channels: 2
Frequency: 1 Hz–10 kHz (-6 dB)
Processed EMG: EMG cover
EMG curve

Puller

Speed range: 0,5; 1; 2; 3; 4; 5 mm/s
Accuracy: +/- 3 % from range
Return speed: 6 mm/s (approximately)
Usable lenght: 300 mm

Cystometric / profilometric pump

Range: 0,5–100 ml/min

System

CPU: Built-in control system with PC NexCom
RAM: 1024 MB
HD drive: min.80 GB
Audio card: included
Network card: int., 10/100 Intel
Display: Flat screen, 19”
Operation: PC keyboard standard
Trackball, voice control (option)
Interface: USB port
System: MS Windows XP embeded, MS Word

Preparing of diagnostics protocols

User programmable with user friendly software Uromic.Ini for definition in all 8 channels, 2 controllable outputs

Aplication software Urosoft ver. 8.1

Included:
UFM, automatic UFM
Cystometry filling and miction
PQ study, analyses, Schafer, Chess, A–G
PURR, LPURR, , URR, stress profile, QLPP (conductivity)*
Leak Point Pressure (ALPP, VLPP, CLPP)
Video LPP, UPP, 4 channels UPP, anorectal manometry

Videourodynamics

Heigh speed videograbber for full resolution in PAL or high resolution or VfW

Input: PAL/CCIR/SECAM
625/1250 rows – 50 Hz
Record: Particular picture
Picture cinematographic record
Picture databases
Image processing: Cineloop/particular pictures
Copy to record
Angle measurement
Lenght measurement

Software for saving external picture data

DigiPict 2,0

Proportions

Height: 105 cm
Width: 60 cm
Depth: 70 cm
Weight: 60 kg (total)
Language: English, Czech

Safety

IEC 60601-1. class I, type BF (Medical Electrical Equipment)
CE0434-marked (EU medical device direct 93/42 EEC).

Voltage: 230 V +/- 10 % 50–60 Hz
Take-off: max. 1000 VA