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## **TIC MEDIZINTECHNIK CASSINI Rectal Manometry + EMG (New)**

- New,
- Made in Germany,
- Rectal manometry is part of basic proctologic diagnosis in clarifying various functional disorders of the defecation mechanism, such as to distinguish forms of incontinence (pudendal neuropathy, sphincter injury and functional obstructive urinary disorder), and others such as paradoxical pubo-rectal spasm, anismus, pelvic floor spasticity, megarectal tumor, anal inertia, internal rectal prolapse,
- Electromyography involves the measurement of muscle action potentials and is used to determine the latency of a reflex or response to a stimulus.
- Product Features and Benefits:
  - Efficient and convenient data management system,
  - Analysis at the touch of a button,
  - Powerful database for patient data,
  - Integration with existing clinical information systems and networks,
  - High-quality components,
  - Flow transducer with height-adjustable stand, with wireless capability (optional)
  - 4 pressure channels, 2 flow channels (second optional) and 2 EMG channels (second optional),
  - High sampling rate for precise measurement results,
  - Easily accessible USB ports,
  - Wireless remote control for easy operation (two-way communication),
  - Easy-to-use roller pump for accurate filling,
  - Isolation transformer and additional galvanic isolation for maximum patient safety,
  - Puller (puller) for best catheter positioning,
  - Printer for standard paper size (A4),
- The station allows the following tests to be performed:
  - Cystometry, filling phase of cystometry,
  - Cystometry, evacuation phase of cystometry (pressure and flow measurement),
  - Compliance (displacement ratio),
  - Pressure flow measurement,
  - ICS, CHES, linear PURR,
  - Urethral pressure profile at rest,
  - Urethral pressure profile under load,
  - Transmission / depression / and urethral closure pressure, depression quotient, transmission coefficient,
  - Uroflow with parallel EMG display,
  - Siroky et al, Höfner Index,
- Specifications:
  - Number of pressure channels: 4,
  - Number of flow channels: 2 (second optional),
  - Number of EMG channels: 2 (second optional),
  - Input/output: 22"-TFT-monitor, printer, mouse, keyboard, RF remote control,
  - Patient safety: isolation transformer, galvanic isolation,
  - Interfaces: LAN, USB, GDT (optional), HL7 (optional), DICOM (optional),
  - SQL-based database for statistical purposes,
- Has a current Technical Passport issued,
- Warranty 24 months,

If you have any questions, please do not hesitate to contact us!

In case you don't find the product you are interested in, please get in touch with us and we will do our best to find the perfect solution for YOU.

