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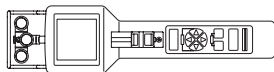
BNCTOOLING.COM
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69/90 Hatairat Rd., Minburi ,Minburi Bangkok (Thailand) 10510

SCHMIDT
control instruments



Hand-Held, electronic
DT Series



Model DTX

For applications requiring additional process data,
such as ISO 9000 certified quality management systems



The DTX model also provides:
– Large internal memory
– Statistical evaluation
– Interface for PC connection

Model DTX-5000

Wifi
(optional)

CE

Additional features model DTX:

- + USB interface (1000 readings/sec.)
- + Memory for 60.000 readings
- + 5 different memory modes:
Mode S: statistics only
Mode H: storage of the X-Y-diagram for reviewing after finishing a series of measurement (e.g. short time spooling)
Mode C: continuous logging over a user set time and different series of measurement (2 Hz)
Mode F: fast, continuous logging over a user set time and different series of measurement (1000 Hz)
Mode D: storage of single readings and statistic
- + Factory-provided calibration with PAMonofilament and Cu wire
- + 9 Material memory locations for customer made calibrations
- + Wi-Fi modul for wireless communication with a PC (optional)
- + Delivery includes: tension meter, USB-cable, and software »Tension Inspect 3«



Model DTX for data acquisition and evaluation (Software see page C9)



Thickness compensator: The display shows the adjusted material diameter

Standard for model DTS and DTX (see page C7/C8)



Model DTX

Available Models

Model	Tension Ranges cN	Measuring Head Width* mm	SCHMIDT Calibration Material** Position Tex Polyamid (PA)-Monofil Textile Industry Applications e.g. yarn count	SCHMIDT Calibration Material*** Position Wire Soft-annealed copper wire Wire Industry Applications e.g. soft-annealed copper wire Material thickness compensator included
DTX-200	1-200.0	66	0.12 mm Ø max. 200tex	0.10 mm Ø max. 0.15 mm Ø
DTX-500	1-500.0	66	0.12+0.20 mm Ø max. 500tex	0.16+0.25 mm Ø 0.05-0.25 mm Ø
DTX-1000	50-1000	66	0.20+0.40 mm Ø max. 1000tex	0.25+0.40 mm Ø 0.10-0.40 mm Ø
DTX-2000	20-2000	66	0.40+0.70 mm Ø max. 2000tex	0.40+0.60 mm Ø 0.30-0.60 mm Ø
DTX-2500	25-2500	116	0.40+0.70 mm Ø max. 2500tex	0.40+0.60 mm Ø 0.30-0.70 mm Ø
DTX-4000	40-4000	66	0.50+0.80 mm Ø max. 4000tex	0.50+0.80 mm Ø 0.35-0.90 mm Ø
DTX-5000	50-5000	116	0.60+1.20 mm Ø max. 5000tex	0.60+1.00 mm Ø 0.40-1.00 mm Ø
DTX-10K	0.1-10.00 daN	116	0.80+1.40 mm Ø max. 10000tex	0.70+1.20 mm Ø 0.70-1.40 mm Ø
DTX-20K	0.2-20.00 daN	166	1.20+1.80 mm Ø max. 20000tex	Steel rope1.5 mm Ø 1.00-2.00 mm Ø
DTX-30K	0.3-30.00 daN	216	1.40+2.00 mm Ø max. 30000tex	Steel rope2.0 mm Ø 1.20-2.50 mm Ø
DTX-50K	0.5-50.00 daN	216	Steel rope1.5 mm Ø max. 50000tex (7x7x0.2)	Steel rope1.5 mm Ø 1.40-3.00 mm Ø Steel rope2.5 mm Ø (7x7x0.3)
DTX-60K-V1	0.6-60.00 daN	280	Steel rope2.0 mm Ø max. 60000tex (7x7x0.3)	Steel rope2.5 mm Ø 1.80-3.50 mm Ø (7x7x0.4)

Other measuring head widths available on request.

* Depending on model, either width of filament guide or outer distance between outside guide rollers
 ** Suitable for 95 % of applications (see also chart on page 11) – PA = Polyamide Monofilament
 *** Accuracy: ± 3 % full scale and ± 1 digit

Guide Rollers same as Model DTS

Standard Accessories Model DTX

SW-TI3 »Tension Inspect 3« software
(WIN XP and higher), incl. USB cable

Optional Accessories Model DTX

CodeMH Mounting thread for online use
CodeWL Wi-Fi modul for wireless data transfer
(no worldwide approval)

Specifications

Output signal:	USB
Memory:	60.000 values at 255 measuring periods
Memory for material curves:	2 for SCHMIDT calibration plus 9 for customized calibrations
Memory modes:	5 memory modes with statistical evaluation
Digimatic:	

Special calibration using customer supplied samples is available:
 Please supply a sample of at least 5 m in length.



Model DTX-1000-WL
 with Wi-Fi Modul optional