

**GRETAG**

**TC-803**

**CRYPTOGRAPHIC  
UNIT**

The TC-803 is a compact solid state cryptographic unit intended for the diplomatic service, police and other security agencies. The TC-803 is an off-line cryptographic unit which means that enciphering and deciphering is independent of the transmission.

The complete TC-803 is built into a standard size attaché suitcase and includes the following main subassemblies:

- Electronic unit with ciphering program computer etc.
- Keyboard
- Alphanumeric tape printer
- Power supply.



## Specifications:

Overall dimensions:	46 cm (18.1") long 32 cm (12.6") wide 13 cm (5.1") high
Weight:	approx. 12 kg (26.5 lbs)
Temperature range:	operating 0° to +50° C storage -30° to +70° C
Radiation:	active and passive filtering to eliminate radiation of plain text information and to avoid computer malfunction caused by line interferences
Power:	110/220 V AC ±15 %, 120 VA 50/60 cps ±10 % or 24 V DC +20 % -15 %, max. 70 W (both, AC and DC, built-in)
Length of power cord:	approx. 1.8 m (5.9 ft)
Keyboard:	full-size keyboard with 53 keys, automatic letter-figure shift, electronic interlock
Alphanumeric tape printer:	max. 10 char./sec., pressure sensitive tape, 8 mm (5/16") wide, standard roll of tape for 22'000 characters
Cryptology:	high security assured by special advanced cipherring technology
Secret elementary key:	10 letters, determined by user, to be typed in prior to operation
Diversity of elementary key:	approx. 10 <sup>14</sup>
Non-secret auxiliary key:	10 letters, automatically generated at random by depressing the space bar
Secret wiring:	50 pin connector, solderless wiring is determined and done by user
Secret wiring diversity:	approx. 10 <sup>23</sup>
Specifications subject to change.	