



ELT TEST & PROGRAMMER SETS

TPS 8700 / TS 8715

The ARTEX Programmer / Tester are rugged, compact is a, and portable system that allows for programming and/or verification and testing of ARTEX ELTs. A convenient online training component facilitates programming of ELTs.



An ACR Electronics Brand



TPS 8700 / TPS 8715

ELT Testing and Verification of ELT ID

Aircraft Emergency Locator Transmitters (ELTs) are required to have their unique identification number registered with the national authorities. The ARTEX Programmer/Tester provides a simple method to verify and save the ARTEX ELTs ID after installation, reprogramming or should the beacon need to be re-registered after an aircraft ownership change.

ELT Decoding

The ARTEX Programmer/Tester decodes the transmission of 406 MHz Cospas-Sarsat transmissions. The transmission can be read directly through the antenna cable or through the antenna itself. The unit will also indicate if 121.5 MHz is present. The Programmer/Tester is a decoding device only and does not measure power. Please contact your local authority for ELT measurement requirements for annual inspections.

Test Data

The ARTEX Programmer/Tester records all data in an internal database which can be backed up to your PC. The data can be viewed on the computer independently of the Tester, and it is time stamped as proof of transmission and proper programming. The Tester can print via a USB interface to a PC. The printing capability requires a downloadable software program available at ACRARTEX.com.

Programming

The ARTEX Programmer/Tester quickly and easily programs the ARTEX ELTs. It is capable of programming the desired protocol, NAV Data Baud Rate, and required information as outlined by Cospas-Sarsat through the applicable programming cable (included).

**All features of 8700 and 8715 are only applicable to ARTEX ELTs.*



Water Resistant (IP67)



Rugged Construction

Programming Capabilities

P/N 8700	ELT 345, ELT 1000, ME406, C406-N, C406-1, C406-2, B406-4, G406, ELT 3000, and RB 406
P/N 8715	ELT 345, ELT 1000, and ME406

SPECIFICATIONS

Product Number: 8700/8715

406.025 Receiver Range

-60dBm to +36dBm
(5W signal)

Decoding

Per Cospas-Sarsat C/S T.001
(Issue 3, Revision 5)

Operating System

Windows CE 5.0 / Garnet OS 5.4

Microprocessor

400 MHz Samsung

Memory (Volatile)

64 megabytes SDRAM

Memory (Non-Volatile)

128 megabytes Flash

Memory (Expansion)

via MZIO™ bus standard

Display LCD Type

TFT High Brightness Touch

Resolution

Screen 240x320 pixels

Area Backlight

3.5" LED

Communications

USB 1 megabyte / sec

Serial (RS232) 1200 to 115200 bits/sec

Infrared (IrDA) 1200 to 115200 bits/sec
at 1 meter

Communications Connector

13 pin - custom gold plated pins

Battery Type

Rechargeable Lithium Ion, custom battery pack

Battery Voltage / Capacity

7.4V nominal / 1700 mAh

Protection

Over charge discharge and thermal

Charging Current

1.2A (maximum)

Charging Input

12V DC nominal

Weight

1 LB (456gm)

Mechanical Dimensions w/o Antenna

6.7" (170mm)(L) x 3.7" (94mm) (W) x 1.53" (39mm) (H)

Operating Temperature

-10°C to 60°C

Storage Temperature

-20°C to 65°C

Humidity

5% to 90% relative humidity (non-condensing)

FCC / CE

Part 15, Class A / EU EMC Directive

Sealing

IP67 (submersible to 1 meter - 30 min.)

RFI / EMC

CSPR22, CSPR24 (RF emissions & ESD immunity)

Current Consumption

Power on 130mA typical (Meazura only -Backlight off)

Full System 60mA typical (Backlight on)

Sleep Mode 7mA typical

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