

The Choice for professionals in Hazardous environments.  
**ATEX Certified—FM Approved for Class I Div. I & II**  
**HYT model TC-700EX**



**TC-700EX : Intrinsically Safe Model**  
 Radios for use in the potentially explosive environments of oil and gas installations, such as tankers or drilling platforms, or in gas-laden atmospheres encountered by the emergency services must be designed and constructed to be totally safe. HYT's FM-Approved Intrinsically Safe TC-700 model gives users the communications they need without compromising safety.



The TC-700EX is loaded with safety and convenience features. The rugged design allows for work in the most demanding environments and its 4 Watt transmission power is the maximum available for an intrinsically safe two way radio. Built to Military standard MIL-STD 810C/D/E/F and IP 54 rating.

With its rugged design and outstanding features it's the best in its class!

**Features:**

- Audio channel annunciation
- 16 channels
- 4 Watt max transmission
- UHF & VHF versions
- 2 year warranty
- Man down alarm for lone worker safety
- Emergency alarm button for worker safety
- 15 hour battery life for extended shift work
- Built in scrambler for private secure communications
- Intrinsically safe accessories available (speaker mic, headset, ear bud, multi chargers)
- Can be programmed to work with other brand radios



APPROVED

**General**

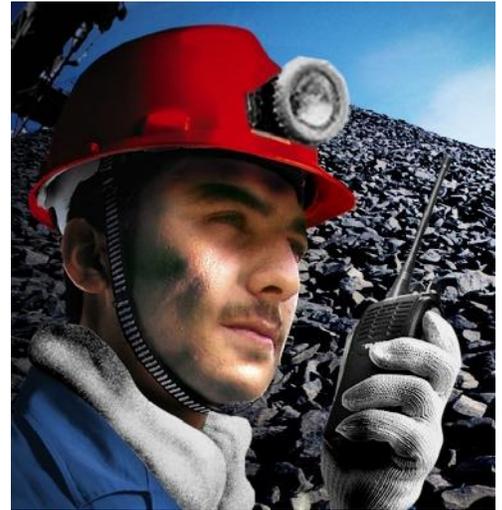
Frequency Range(MHz)	VHF: 136-174 UHF: 400-470 450-520
Channel Capacity	16
Channel Spacing(KHz)	25 /20/12.5
Operating Voltage(V)	7.4
Battery	2100mAh (Li-ion)
Battery Life (5-5-90 duty cycle)	About 15 Hours
Frequency Stability(ppm)	±2.5
Operating Temperature	-22°F ~ 140°F; -4°F ~ 122°F (700EX)
Antenna Impedance	50Ω
Dimensions(L xWxH)(with battery, without antenna)	4.80 in. x 2.16 in. x 1.38 in.; 4.80 in. x 2.16 in. x 1.50 in. (700EX)
Weight (with antenna & battery)	11.15 oz.; 15.03 oz. (700EX)

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**Kit includes:**

- TC-700EX Radio
- Lithium ion battery
- Battery charger
- Antenna
- Belt Clip
- Wrist Strap
- Programming
- Manual



**Optional Intrinsically Safe Accessories:**



**MCL07EX (6) radio multi-charger**

The multi-charger can rapidly recharge the batteries in up to 6 radios. This is a convenient option for customers wanting to keep their radios in a central location for easy storage and recharging each day.

**ESM01EX Earbud with PTT**

The earbud speaker can be worn under hardhats and chemical suits or mask. The inline push to talk (PTT) button allows for easy one touch transmission.



**SM08M1EX Remote speaker mic**

The remote speaker mic allows the user to wear the radio on a belt clip and the speaker can be positioned on a shirt or jacket so calls coming in can easily be heard. Calls out can be sent with one button.



**HNK100 Headset with PTT**

The noise canceling headset is designed for loud environments and can be worn under hardhats. The headset includes a inline push to talk (PTT) button. This makes it convenient to talk with the touch of a button.



**CWSA - Safe Radios**  
**Portable 2-Way Radios**

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