

Gas Terminal Unit

Terminal units are points on a medical gas pipeline system where the operator makes connections and disconnections for the supply of specific medical gases.

The single terminal unit consists of one first fix and one second fix assembly and it also comes with boxes suitable for flush and surface mounted applications.

Depend on the specific gas the terminal units are intended for use with oxygen, nitrous oxide, compressed air, vacuum and with compressed air for driving of surgical tools.



Description

The WTK terminal units are tested in accordance to the latest EN standards and passed the most stringent test, i.e. 10,000 cycles durability test along with many other tests required by this standard.

The first fix consists of a terminal block with shut off valve and a stub of 15mm copper pipe and a blank plate. The second fix consists of the fascia assembly, valve connection assembly and mounting box (come with bezel for flush assembly).

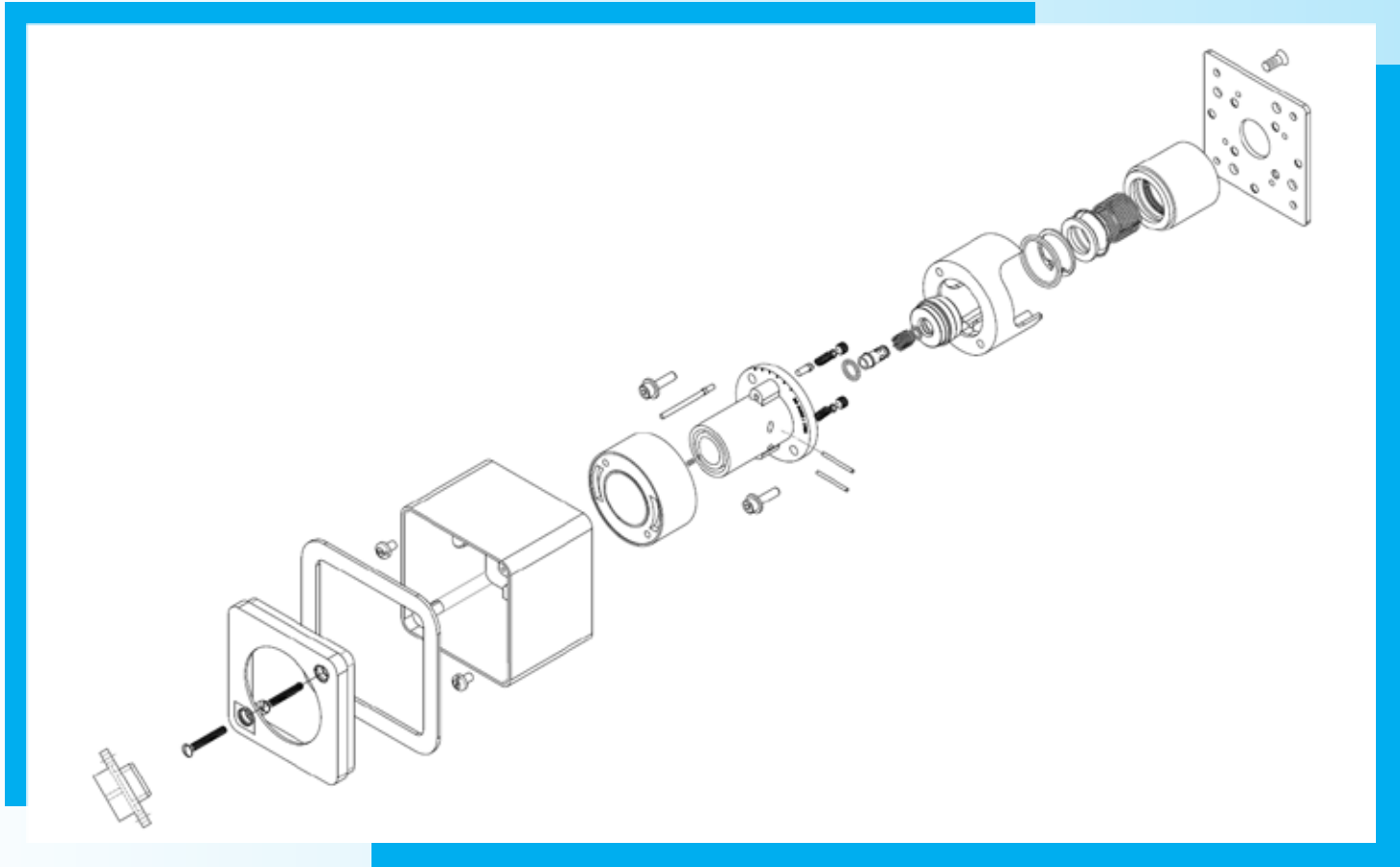
The identifications of gases are clearly indexed in the first fix and second fix and the terminal units are designed in such a way to protect the non-interchangeability for various gases.

All the components are degreased and packed in order to maintain the highest standards of hygiene and each unit is pressure tested before dispatch.



Innovative Design in Medical Engineering

Typical Layout Of Gas Teminal Unit



Technical Specification

MS 2675-1:2017 Medical gas systems
HTM 2022:1997/HTM02-01 – Medical Gas Pipeline system
HTM 2020 – Electrical Safety Low Voltage System
C11 – NHS Estates Model Engineering Specification
EN737-3: 1998 – Medical Gas Pipeline System
BS 5682:1984 – Terminal units, hose assemblies and their connections for use with medical gas pipeline system
EN ISO 7396-1 – Medical gas pipeline systems
EN ISO 11197:2019 – Medical Supply Units

Designation : WT24000 Terminal Unit
Dimension : Varies
Material : Aluminium & Steel base / ABS / Brass / Stainless Steel
Finishing : Color coded with Gas Identification

Model Number

Flush/Surface wall mounted TU			Pendant mounted TU		
WT24001	Oxygen O2		WT24020	Oxygen O2	
WT24002	Nitrous Oxide N2O		WT24021	Nitrous Oxide N2O	
WT24003	Entonox O2/N2O		WT24022	Entonox O2/N2O	
WT24004	Medical Air MA4		WT24023	Medical Air MA4	
WT24005	Surgical Air SA7		WT24024	Surgical Air SA7	
WT24006	Vacuum VAC		WT24025	Vacuum VAC	
WT24007	AGSS		WT24026	AGSS	
Bed Head mounted TU			WT24050	Direct Probe 1/8" NPT	
WT24010	Oxygen O2		WT24051	Remote probe, for hose	
WT24011	Nitrous Oxide N2O				
WT24012	Entonox O2/N2O				
WT24013	Medical Air MA4				
WT24014	Surgical Air SA7				
WT24015	Vacuum VAC				
WT24016	AGSS				



Wall Mounted TU



BS probe



Bed Head Mounted TU



Pendant Mounted TU