



Conforms to: IS / ISO 9170 - 1 : 2017, IS / ISO 7396 - 1 : 2016 + A1 : 2017
HTM 02-01 Part A:2006, DIN 13260-2, CGA V-5-2019

Certification: ISO 13485:2016 - Medical devices - Quality Management Systems
ISO 9001:2015 - Quality Management Systems

Features

- Smooth quiet action
- Safe keying configurations
- Gas specific ISO 32 colour coding
- Firm locking of connector / probe
- Strong, positive and secure connection
- Corrosion-free and material compatibility
- Reliable and safe dispense of gases & vacuum
- Pipe stub end flared to align drop pipe and to avoid butt joint

Technical Information (Medical Gas & Vacuum)

Gas Services	Pressure	Flow Lpm
O ₂ , N ₂ O, CO ₂ , Medical Air (AR 4) & Mixed Gases	58 psi (4 bar)	130
Air for Surgical Tools (AR 7)/ Air Motor	102 psi (7 bar)	350
Medical Vacuum (below atmosphere)	450mmHg (8.7 psig)	85

BS Type - Safety: Gas specific Diameter Indexing (Quick Connect Type)

Gas Services	Mountings				Connectors/Probes - End Connection		
	Wall	Panel/ Bed Head	Pendant/ Column	Conceal	6mm OD Hose Barb	3/8" BSP	1/8" BSPT
Oxy	6013110	6013120	6013140	x x	6013101	6013103	Specifying of "PATIENT END CONVERSION" desired
N ₂ O	6013410	6013420	6013440	x x	6013401	6013403	
AR 4	6013310	6013320	6013340	x x	6013301	6013303	
AR 7	6013510	6013520	6013540	x x	6013501	6013503	
Vac	6013210	6013220	6013240	x x	6013201	6013203	
AGSS*	6013711	6013721	6013741	x x	6013701**	x x	
CO ₂ *	6013611	6013621	6013641	x x	6013601	6013603	
Mixed Gas	6013810	6013820	6013840	x x	6013801	6013803	

BS Type (Metal) - Safety: Gas specific Diameter Indexing (Quick Connect Type)

Gas Services	Mountings			Connectors/Probes - End Connection		
	Wall	Panel/ Bed Head	Pendant/ Column / Conceal	6mm OD Hose Barb	3/8" BSP	1/8" BSPT
Oxy	6013111	6013121	6013141	6013101	6013103	Specifying of "PATIENT END CONVERSION" desired
N ₂ O	6013411	6013421	6013441	6013401	6013403	
AR 4	6013311	6013321	6013341	6013301	6013303	
AR 7	6013511	6013521	6013541	6013501	6013503	
Vac	6013211	6013221	6013241	6013201	6013203	
AGSS*	6013711	6013721	6013741	6013701**	x x	
CO ₂ *	6013611	6013621	6013641	6013601	6013603	
Mixed Gas	6013811	6013821	6013841	6013801	6013803	


*CO₂ & AGSS Outlets include a NIST style connection as there is no defined probe size in British Standard.

**Connection 3/16 x 13 TPI Screw Connect Probe


DISS Type - Safety: Gas specific Diameter Indexing System (Non-interchangeable) in compliance with CGA V-5-2019

Gas Services	Mountings				Connectors/Probes - End Connection		
	Wall	Panel/ Bed Head	Pendant/ Column	Conceal	6mm OD Hose Barb	1/8" BSP	1/8" BSPT
Oxy	6016110	6016120	6016140	6016130	6016101	Specifying of "PATIENT END CONVERSION" desired	6016102
N ₂ O	6016410	6016420	6016440	6016430	6016401		6016402
AR 4	6016310	6016320	6016340	6016330	6016301		6016302
AR 7	6016510	6016520	6016540	6016530	6016501		6016502
Vac	6016210	6016220	6016240	6016230	6016201		6016202
AGSS*	6016710	6016720	6016740	6016730	6016701		x x
CO ₂	6016610	6016620	6016640	6016630	6016601		6016602
Mixed Gas	6016810	6016820	6016840	6016830	6016801		6016802


DIN Type - Safety: Gas specific Geometric Indexing (Quick Connect Type)

	Gas Services	Mountings				Connectors/Probes - End Connection			
		Wall	Panel/ Bed Head	Pendant/ Column	Conceal	6mm OD Barb	1/8" BSPT	3/8" BSP	1/8" BSP
	Oxy	6018110	6018120	6018140	6018130	6018101	6018102	6018103	6018104
	N ₂ O	6018410	6018420	6018440	6018430	6018401	6018402	6018403	6018404
	AR 4	6018310	6018320	6018340	6018330	6018301	6018302	6018303	6018304
	AR 7	6018510	6018520	6018540	6018530	6018501	6018502	6018503	6018504
	Vac	6018210	6018220	6018240	6018230	6018201	6018202	6018203	6018204
	CO ₂	x x	x x	x x	x x	6018601	6018602	6018603	6018604
	Mixed Gas	x x	x x	x x	x x	x x	x x	x x	x x


Puritan Bennett (PB) Type - Safety: Gas specific Geometric Indexing (Quick Connect Type)

	Gas Services	Mountings				Connectors/Probes - End Connection		
		Wall	Panel/ Bed Head	Pendant/ Column	Conceal	6mm OD Hose Barb	3/8" BSP	1/8" BSPT
	Oxy	6011110	6011120	6011140	6011130	6011101	6011103	6011102
	N ₂ O	6011410	6011420	6011440	6011430	6011401	x x	6011402
	AR 4	6011310	6011320	6011340	6011330	6011301	x x	6011302
	AR 7	x x	x x	x x	x x	x x	x x	x x
	Vac	6011210	6011220	6011240	6011230	6011201	6011203	6011202
	CO ₂	x x	x x	x x	x x	x x	x x	x x
	Mixed Gas	x x	x x	x x	x x	x x	x x	x x

Ohmeda (Diamond) Type - Safety: Gas specific Notches Indexing on the Outlet face (Quick Connect Type)

	Gas Services	Mountings				Connectors/Probes - End Connection		
		Wall	Panel/ Bed Head	Pendant/ Column	Conceal	6mm OD Hose Barb	3/8" BSP	1/8" BSPT
	Oxy	6014110	6014120	6014140	6014130	Specifying "PATIENT END CONVERSION" desired	Specifying "PATIENT END CONVERSION" desired	6014102
	N ₂ O	6014410	6014420	6014440	6014430			6014402
	AR 4	6014310	6014320	6014340	6014330			6014302
	AR 7	x x	x x	x x	x x			x x
	Vac	6014210	6014220	6014240	6014230			6014202
	CO ₂	x x	x x	x x	x x			x x
	Mixed Gas	x x	x x	x x	x x	x x		

Parkodex (Emerald) Type - Safety: PISS - Pin Index Safety System (Quick Connect Type)

	Gas Services	Mountings				Connectors/Probes - End Connection		
		Wall	Panel/ Bed Head	Pendant/ Column	Conceal	6mm OD Hose Barb	3/8" BSP	1/8" BSPT
	Oxy	6012110	6012120	6012140	6012130	6012101	6012103	Specifying "PATIENT END CONVERSION" desired
	N ₂ O	6012410	6012420	6012440	6012430	6012401	6012403	
	AR 4	6012310	6012320	6012340	6012330	6012301	6012303	
	AR 7	6012510	6012520	6012540	6012530	6012501	x x	
	Vac	6012210	6012220	6012240	6012230	6012201	6012203	
	CO ₂	6012610	6012620	6012640	6012630	6012601	x x	
	Mixed Gas	x x	x x	x x	x x	x x	x x	

Parkodex (Emerald) MRI compatible - Safety: PISS - Pin Index Safety System (Quick Connect Type)

	Gas Services	Mountings				Connectors/Probes - End Connection		
		Wall	Panel/ Bed Head	Pendant/ Column	Conceal	6mm OD Hose Barb	3/8" BSP	1/8" BSPT
	Oxy	6012110M	6012120M	6012140M	6012130M	6012101M	6012103M	Specifying "PATIENT END CONVERSION" desired
	N ₂ O	6012410M	6012420M	6012440M	6012430M	6012401M	6012403M	
	AR 4	6012310M	6012320M	6012340M	6012330M	6012301M	6012303M	
	AR 7	6012510M	6012520M	6012540M	6012530M	6012501M	x x	
	Vac	6012210M	6012220M	6012240M	6012230M	6012201M	6012203M	
	CO ₂	6012610M	6012620M	6012640M	6012630M	6012601M	x x	
	Mixed Gas	x x	x x	x x	x x	x x	x x	

Technical Information - Scavenging Terminal / Outlets

Model	IS / ISO 9170 - 2 : 2008	Flow rate (LPM)	Max. Pressure drop		Socket & Probe Connection	Ordering Code
BS	Type - 1H	130 max.	15	4.42	13/16 x 13 TPI	Wall - 6013711
		75 min.	15	4.42		Panel/Bedhead - 6013721
DISS	Type - 1L	50 max.	15	4.42	CGA V-5-2019 Connection Nr. 2220	Wall - 6016710
		25 min.	15	4.42		Panel/Bedhead - 6016720
						Pendant - 6013741
						Pendant - 6016740

Conforms to: IS / ISO 9170 - 2 : 2008 IS / ISO 7396 - 2 : 2007	Certification: ISO 13485:2016 - Medical devices - Quality Management Systems ISO 9001:2015 - Quality Management Systems
---	--



AKTIV TECHNOLOGIES

Corporate Office : Plot No. 691, Sector 69, IMT, Faridabad, Haryana 121004, INDIA
 Tel: +91-7291838253
 Email: aktivtechnologies@gmail.com, sanjay.aktiv@gmail.com
 Website : www.aktivtechnologies.com



LT / 601 Rev 03 12/21

Disclaimer: Due to our policy of continuous product improvement, Aktiv Technologies reserve the right to alter dimensions and/or specification without notice although every effort will be made to advise of any such modifications.