



**Declaration of Conformity**



**Product Name:** Balloon inflation devices

**Medical Device Directive:** In compliance with Directive 93/42/EEC, as amended by directive 2007/47/EEC

**Authorized Representative:** Lotus NL B.V.  
**Address:** Koningin Julianaplein 10, 1e Verd, 2595AA, The Hague, Netherlands.  
**Manufacturer:** Tianck Medical Co.,Ltd  
**Address:** 1-2 Floor, Building C, No.16 Yinkui road, Kuichong town, Dapeng new district, Shenzhen, 518119 Guangdong P.R. China

**Specification/Models:** Respect to CE Technical File TK-MDTF-BID

**Classification:** Class I (MD 0106)

**Standards:**

YY/T 0450.3-2016	ISO 11607-1: 2019
ISO 10993-1:2018	ISO 11607-2: 2019
ISO 10993-4:2002/Amd.1:2006(E)	ISO 15223-1:2016
ISO 10993-5:2009	ISO 20417:2021
ISO 10993-7:2008	ISO 13485:2016
ISO 10993-10:2010	ISO 11135:2014
ISO 10993-11:2016	ISO 14971:2019
EN 62366-1:2015	

All applicable harmonized standards (published in the Official Journal of the European communities)

**Conformity assessment modules:** Directive 93/42/EEC Annex II

**Certificate Register No.:** HD 2139971-1

**Signature:**

**Stamper:**

**Date:** 2023/03/08



**Notified Body:**

TÜV Rheinland LGA Products GmbH  
Tillystraße 2  
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**天可医疗**  
**Tianck Medical**

**Certificate of Analysis**

Product name: Balloon inflation devices

Model: BID2

Batch number: TK624145A

Manufacture date: 2024.04.05

Expiry date: 2027.04.04

Tests performed

Test	Acceptance criteria	Result	
Physical performance	Units of measurement Zero point Indicator value resolution Negative pressure indication Basic error Repeatability Hysteresis error Stability Indication value fluctuation Safety requirements Positive pressure tightness Pressure release Hemostasis valve sets(Appearance, Size, Insertion tool (rigidity, toughness, corrosion resistance), Sealing, Conical connector, Coordination, Particulate contamination, Connection strength)	Negative pressure retention Pressure decay Operational reliability of the release device Direction of rotation Bubble observation and elimination Extension Tube Dimensions Volume scale Capacity tolerance Conical joint	Pass
Chemical performance	pH value $\leq 1.0$ Reduction material $\leq 0.5\text{ml}$ Heavy metal $\leq 5.0 \mu\text{g/ml}$ (except for cadmium, cadmium $< 0.1 \mu\text{g/ml}$ ) Ethylene oxide residue $\leq 10.0\mu\text{g/g}$		Pass
Biological performance	Sterile Bacterial endotoxin $\leq 0.5\text{EU/ML}$		Pass
Visual inspection	The product does not contain particles.		Pass

The sterilization process used the EO sterilization method and complies with the EN ISO 11135 and other relevant standards and has a sterility certificate.

Approved by: Gao Dan

Signature: Gao Dan

Position: QC Manager

Issued on(Date): 20 April 2024





**Certificate of Analysis**

Product name: Balloon inflation devices

Model: BID1

Batch number: TK624145A

Manufacture date: 2024.04.05

Expiry date: 2027.04.04

Tests performed

Test	Acceptance criteria	Result
Physical performance	Units of measurement                      Negative pressure retention Zero point    Pressure decay Indicator value resolution                      Operational reliability of the release device Negative pressure indication                      Direction of rotation Basic error    Bubble observation and elimination Repeatability    Extension Tube Dimensions Hysteresis error    Volume scale Stability    Capacity tolerance Indication value fluctuation                      Conical joint Safety requirements Positive pressure tightness Pressure release Hemostasis valve sets(Appearance, Size, Insertion tool (rigidity, toughness, corrosion resistance), Sealing, Conical connector, Coordination, Particulate contamination, Connection strength)	Pass
Chemical performance	pH value $\leq 1.0$ Reduction material $\leq 0.5\text{ml}$ Heavy metal $\leq 5.0 \mu\text{g/ml}$ (except for cadmium, cadmium $< 0.1 \mu\text{g/mL}$ ) Ethylene oxide residue $\leq 10.0\mu\text{g/g}$	Pass
Biological performance	Sterile Bacterial endotoxin $\leq 0.5\text{EU/ML}$	Pass
Visual inspection	The product does not contain particles.	Pass

The sterilization process used the EO sterilization method and complies with the EN ISO 11135 and other relevant standards and has a sterility certificate.

Approved by: Gao Dan

Signature: Gao Dan

Position: QC Manager

Issued on(Date): 20 April 2024

