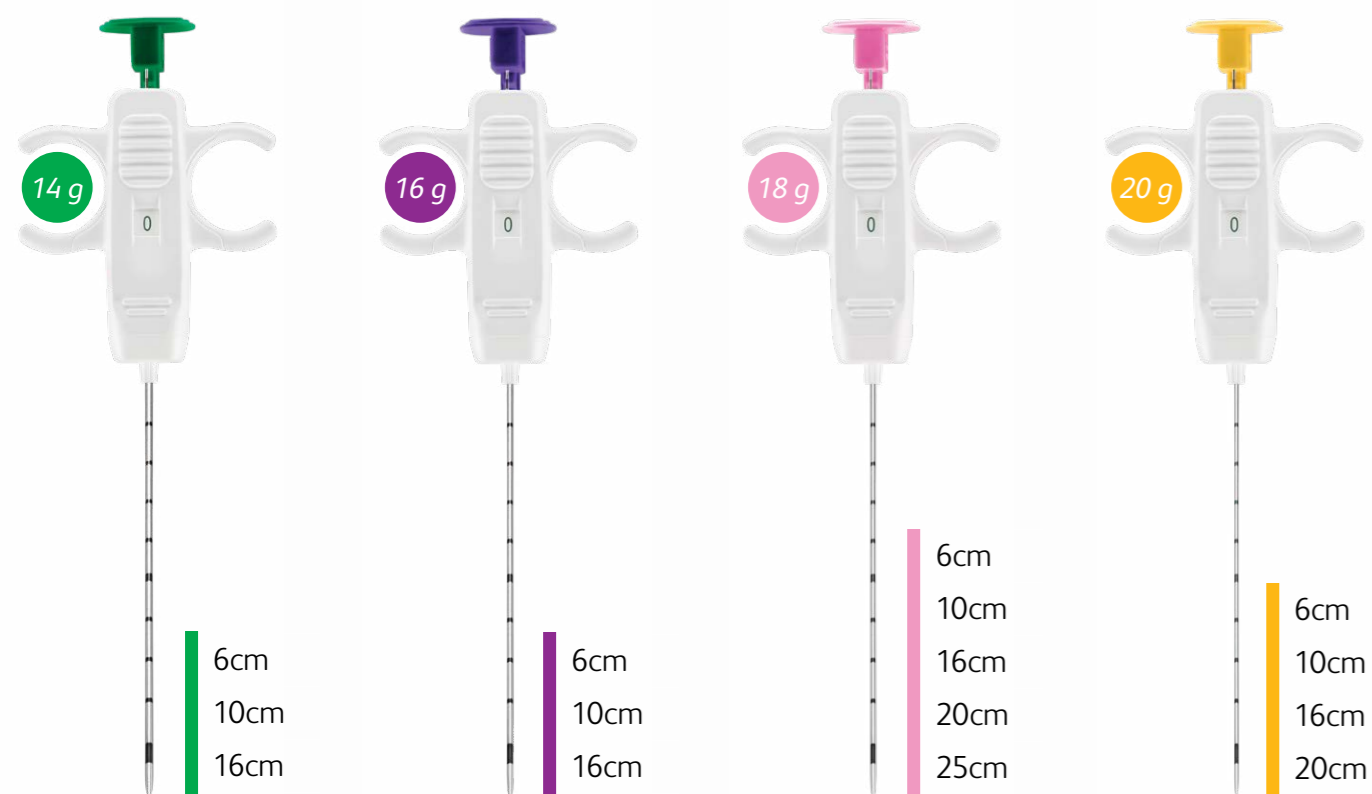


Mission™

Disposable Core Biopsy Instrument

A versatile, semi-automatic instrument with needles from 6cm to 25cm



Ordering information

Mission™ disposable core biopsy instrument	
Cat. no.	Needle size
1406MS	14g x 6cm
1410MS	14g x 10cm
1416MS	14g x 16cm
1606MS	16g x 6cm
1610MS	16g x 10cm
1616MS	16g x 16cm
1806MS	18g x 6cm
1810MS	18g x 10cm
1816MS	18g x 16cm
1820MS	18g x 20cm
1825MS	18g x 25cm
2006MS	20g x 6cm
2010MS	20g x 10cm
2016MS	20g x 16cm
2020MS	20g x 20cm

Mission™ disposable core biopsy instrument kit		
Cat. no.	Mission needle size	Coaxial Biopsy needle size
1410MSK	14g x 10cm	13g x 7.8cm
1416MSK	14g x 16cm	13g x 13.8cm
1610MSK	16g x 10cm	15g x 7.8cm
1616MSK	16g x 16cm	15g x 13.8cm
1810MSK	18g x 10cm	17g x 7.8cm
1816MSK	18g x 16cm	17g x 13.8cm
1820MSK	18g x 20cm	17g x 17.8cm
1825MSK	18g x 25cm	17g x 22.9cm
2010MSK	20g x 10cm	19g x 7.8cm
2016MSK	20g x 16cm	19g x 13.8cm
2020MSK	20g x 20cm	19g x 17.8cm

5 Kits per case

Mission™ Disposable Core Biopsy Instrument and Kit

INDICATIONS FOR USE: The Mission™ Disposable Core Biopsy Instrument and Kit is intended for use in obtaining biopsy samples from soft tissues such as from the lung, liver, spleen, kidney, prostate, lymph nodes, breast, thyroid, and various soft tissue tumors.

CONTRAINDICATIONS: Good medical judgment should be exercised in considering biopsy on patients who are receiving anticoagulant therapy or who have a bleeding problem. It is not intended for use in bone.

WARNINGS: 1. Post-biopsy patient care may vary with the biopsy technique utilized and the individual patient's physiological condition. Observation of vital signs and other precautions should be taken to avoid and/or treat potential complications that may be associated with biopsy procedures. 2. When used for breast biopsy, the product is for diagnosis only. 3. The Instrument and Kit have been designed for single use only. Reusing this medical device bears the risk of cross-patient contamination as medical devices – particularly those with long and small lumina, joints, and/or crevices between components – are difficult or impossible to clean once body fluids or tissues with potential pyrogenic or microbial contamination have had contact with the medical device for an indeterminate period of time. The residue of biological material can promote the contamination of the device with pyrogens or microorganisms which may lead to infectious complications. 4. Do not resterilize the Instrument or Kit. After resterilization, the sterility of the product is not guaranteed because of an indeterminate degree of potential pyrogenic or microbial contamination which may lead to infectious complications. Cleaning, reprocessing and/or resterilization of the present medical device increases the probability that the device will malfunction due to potential adverse effects on components that are influenced by thermal and/or mechanical changes. Note: Inspect the Instrument and Kit needle components for damaged point, bent shaft or other imperfections prior to use and after each sample is collected. DO NOT USE the device if any imperfection is noted.

PRECAUTIONS: 1. The Instrument and Kit should be used by a physician who is completely familiar with the indications, contraindications, limitations, typical findings and possible side effects of core needle biopsy, in particular, those relating to the specific tissue being biopsied. 2. The introduction of the needle into the body should be carried out under imaging guidance (ultrasound, X-Ray, CT, etc.). Note: This product has not been tested for MR Imaging compatibility. 3. Never test the Instrument by firing into the air. Damage may occur to the needle/cannula tip and could result in patient and/or user injury. 4. Unusual force applied to the stylet or unusual resistance against the stylet while extended out of the cannula may cause the stylet to bend at the specimen notch. A bent specimen notch may interfere with needle function.

POTENTIAL COMPLICATIONS: Potential complications associated with core biopsy procedures and coaxial guided biopsy procedures are site specific and may include, but are not limited to: hematoma; hemorrhage; infection; adjacent tissue injury; pain; bleeding; hemoptysis; hemothorax; non-target tissue, organ or vessel perforation; pneumothorax; hematuria; dysphagia; dysphonia; edema; pseudoaneurysm; vasovagal reaction; vertebral puncture; carotid injury; tracheal puncture; nerve injuries; and air embolism. Air embolism is a rare but serious potential complication of lung biopsy procedures. Rapid deterioration of neurological status and/or cardiac arrhythmia may be indicative of air embolism. Prompt diagnosis and treatment must be considered if the patient exhibits signs or symptoms of air embolism.

Please consult product labels and inserts for complete indications, contraindications, hazards, warnings, precautions and directions for use.



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BD Switzerland Sarl
Terre Bonne Park – A4, Route De Crassier, 17, 1262 Eysins, Vaud, Switzerland
T: +41 21 556 3000

bd.com

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Mission™ Disposable Core Biopsy Instrument

Simplicity, security, and speed in a broad range of sizes





Mission™

Disposable Core Biopsy Instrument

Features include:

Precision engineered instrument
Delivers tactile tissue feedback through smooth manual stylet advancement

Fire-ready indicator
Designed to reduce the risk of prematurely firing the cutting cannula

Penetration depth indicator
Confirms primed penetration depth of 10mm or 20mm

Ergonomic grip design
Promotes easy, comfortable operation

Advanced echogenic technology
Offers excellent ultrasound visibility of the stylet needle and cutting cannula needle

The Mission™ disposable core biopsy instrument offers the simplicity of semi-automatic firing, the security of visual indicators, and the speed that comes from excellent ultrasound visibility and consistent sample delivery.



Simplicity

Semi-automatic firing

- Allows visual confirmation of sample notch placement

Convenient adjustable throw

- Enhances procedural flexibility with penetration depths of 10mm and 20mm

Lightweight compact instrument

- Designed to fit easily in the CT gantry



Unique Ergonomic Grips

- Provide multiple ways to use the device, accommodating physician preference
- Designed with a textured surface on both the front and back sides of the device for a firm, controlled grasp

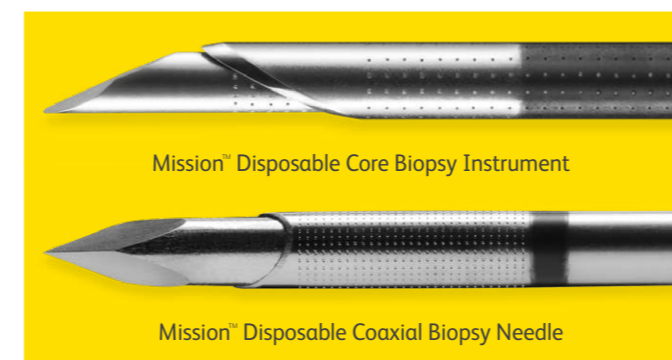
Speed

Sharp outer cutting cannula

- Designed to cleanly shear tissue and deliver consistent core samples

Compatible disposable coaxial biopsy needle

- Permits sampling from a single insertion point
- Promotes sampling efficiency and accuracy



Innovative echogenic needle

- Offers excellent needle visibility on instrument and coaxial for accurate needle positioning under ultrasound imaging

Security

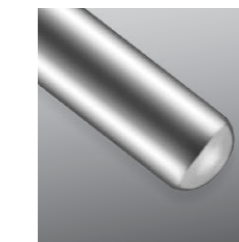
Penetration depth indicator

- Displays and confirms primed penetration depth



Coaxial blunt tip stylet

- Replaces sharp trocar tip to help reduce the risk of damage to vasculature or other organs
- Available in 18g and 20g kits



Visual fire ready indicator

- Confirms sample notch is fully advanced



10mm adapter

- Available in the kit
- Attaches to coaxial cannula for accurate biopsy needle positioning when primed to the 10mm penetration depth



Complete Instrument Kit

The Mission™ Disposable Core Biopsy Instrument Kit ensures compatibility with the coaxial needle, available in all gauge sizes.

The Complete Instrument Kit includes:

- Mission™ disposable core biopsy instrument
- Compatible coaxial
- 10mm adapter
- Trocar stylet
- Blunt tip stylet in 18g and 20g kits
- Depth stop

