

- APPLICABLE PART NUMBERS -

REF Number	Description
2135-023	MicroAire PowerMill™ Tibial Mill & Femoral Mill
2135-045	Disposable 4.5mm depth Tibial Mill
For use in REF 2135 Ultra High Speed Module, and in conjunction with MicroAire Disposable Tibial Templates REF 2135-03X and REF 2135-04X.	
<b>Not for use without MicroAire Disposable Tibial Templates.</b>	
2135-020	Disposable 2.0mm depth Femoral Mill
For use with REF 2120-000 MicroAire 20° Angled Micro Drill or REF 1930 MicroAire Micro Drill.	
<b>Not for use in MicroAire High Speed Drill or Drill Modules.</b>	

- SYMBOL DEFINITIONS -



Caution, refer to accompanying documents.



European Conformity Mark with MicroAire Notified Body Number



DO NOT Lubricate



DO NOT Immerse



Single patient use only. DO NOT RESTERILIZE



Date of Manufacture - YYYY-MM



Use by date, YYYY-MM.



Contents Sterile unless package is damaged or opened or product has exceeded its "Use By" date.



Sterilization method, Gamma sterilization.



Product Catalog Number



Product Lot Number



Temperature Limitations



Humidity Limitations



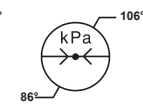
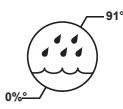
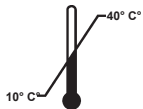
Atmospheric Pressure Limitations



Authorized European Representative

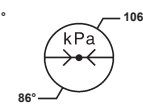
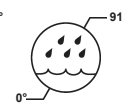
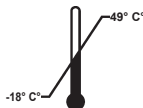
- ENVIRONMENTAL PARAMETERS -

OPERATING CONDITIONS



**WARNING:** Monitor instrument temperature if operating handpiece at ambient temperatures above 80° F/ 27° C to prevent burning of personnel or patient.

SHIPPING & STORAGE CONDITIONS



Shipping: The materials and components used in the construction of this device were selected to ensure that the device could be shipped by any standard commercial method without special handling conditions.

- INTRODUCTION -

Throughout the manual, the following terms are used to identify tips and precautions that will help avoid accidental injury to patients or personnel, or prevent damage to the system.

**WARNING:** Used to indicate that the safety of the patient and hospital personnel could be involved.

**CAUTION:** Used to point out special procedures or precautions that must be followed to avoid damaging the system/instrument.

**NOTE:** Used to point out the easiest means of carrying out techniques.

- GENERAL WARNINGS -

**CAUTION:** Federal Law restricts this device to sale by or on the order of a physician (or properly licensed practitioner).

**CAUTION:** The MicroAire REF 2135-02X Disposable Mills are single use only products, and should be disposed of properly after use.

**NOTE:** All personnel should become familiar with the power equipment before it is set-up for use in any procedure. Personnel that are in-serviced should include, but not be limited to, central processing personnel, members of the surgical team, and the bioengineering department.

- DUTY CYCLE -

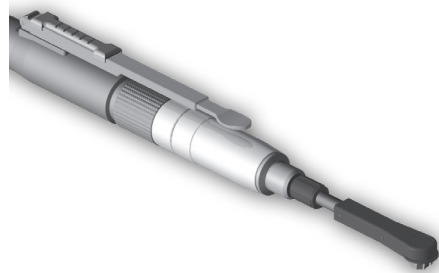
The MicroAire PowerMill™ Disposable Mills are designed to operate for up to 1 minute of continuous use, and intended for single use only. All MicroAire PowerMill™ Disposable Mills should not be resterilized or reused.

- INDICATIONS FOR USE -

The MicroAire PowerMill™ Disposable Mills are for use as part of the MicroAire PowerMill™ System and should be used only as intended.



Instructions For Use  
MicroAire PowerMill Disposable Mills




- MILL INSERTION INSTRUCTIONS -

The following instructions will discuss how to properly insert a MicroAire Disposable Mill into its corresponding module. For full instructions on the MicroAire PowerMill Instrument System, please refer to instruction manual IM-2135.

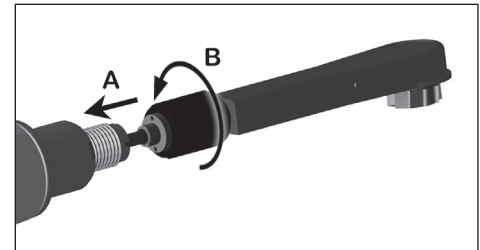
TIBIAL MILL INSERTION

Requires REF 2135 Ultra High Speed Module

**WARNING:** Please ensure the MicroAire motor module with handpiece throttle is set to the  position before inserting the mill.




Attach the REF 2135-02X disposable tibial mill by (A) inserting the drive shaft into the drill collet of the REF 2135, making sure to align the indexing pins to the correct slots. This ensures proper alignment of the tibial mill. (B) Tighten the black plastic locking collar of the tibial mill over the threaded portion of the REF 2135 Ultra High Speed Module by turning in a clockwise manner.



FEMORAL MILL INSERTION

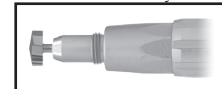
Requires REF 2120-000 20° Angled Drill Module or REF 1930 Micro Drill Module

**WARNING:** Please ensure the MicroAire motor module with handpiece throttle is set to the  position before inserting the mill.



**For Femoral Milling with REF 2120-000 20° Angled Drill Module**  
To insert the disposable femoral mill (included with the REF 2135-025X disposable tibial mill) into the REF 2120-000 Angled Drill Module:

- i. Twist the collet to the OPEN position.
- ii. Insert the femoral mill until fully seated in drill collet.




- iii. Twist the collet to the LOCK position.

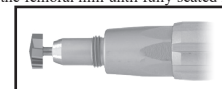
**WARNING:** Collet must be in full LOCK position to prevent overheating of the instrument.


- iv. Pull on the femoral mill to make sure it is secure.


**WARNING:** DO NOT run the instrument without the femoral mill inserted, or the instrument will overheat.

**For Femoral Milling with REF 1930 Micro Drill Module**  
To insert the disposable femoral mill (included with the REF 2135-025X disposable tibial mill) into the REF 1930 Micro Drill Module:

- i. Twist the collet to the  position.
- ii. Insert the femoral mill until fully seated in drill collet.



- iii. Twist the collet to the  position.

**WARNING:** Collet must be in full  position to prevent overheating of the instrument.

- iv. Pull on the femoral mill to make sure it is secure.

**WARNING:** DO NOT run the instrument without the femoral mill inserted, or the instrument will overheat.

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