

TONTARRA

ENDOSCOPY

PIRUETTO

Fully Rotatable Micro Instruments

360°
Full rotation

Insert
exchangeable



PIRUETTO

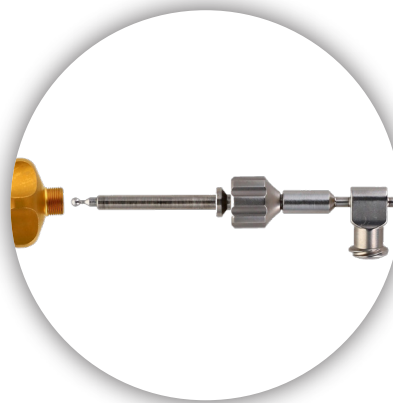
Fully Rotatable Micro Instruments

360° rotatable semi-rigid Instruments

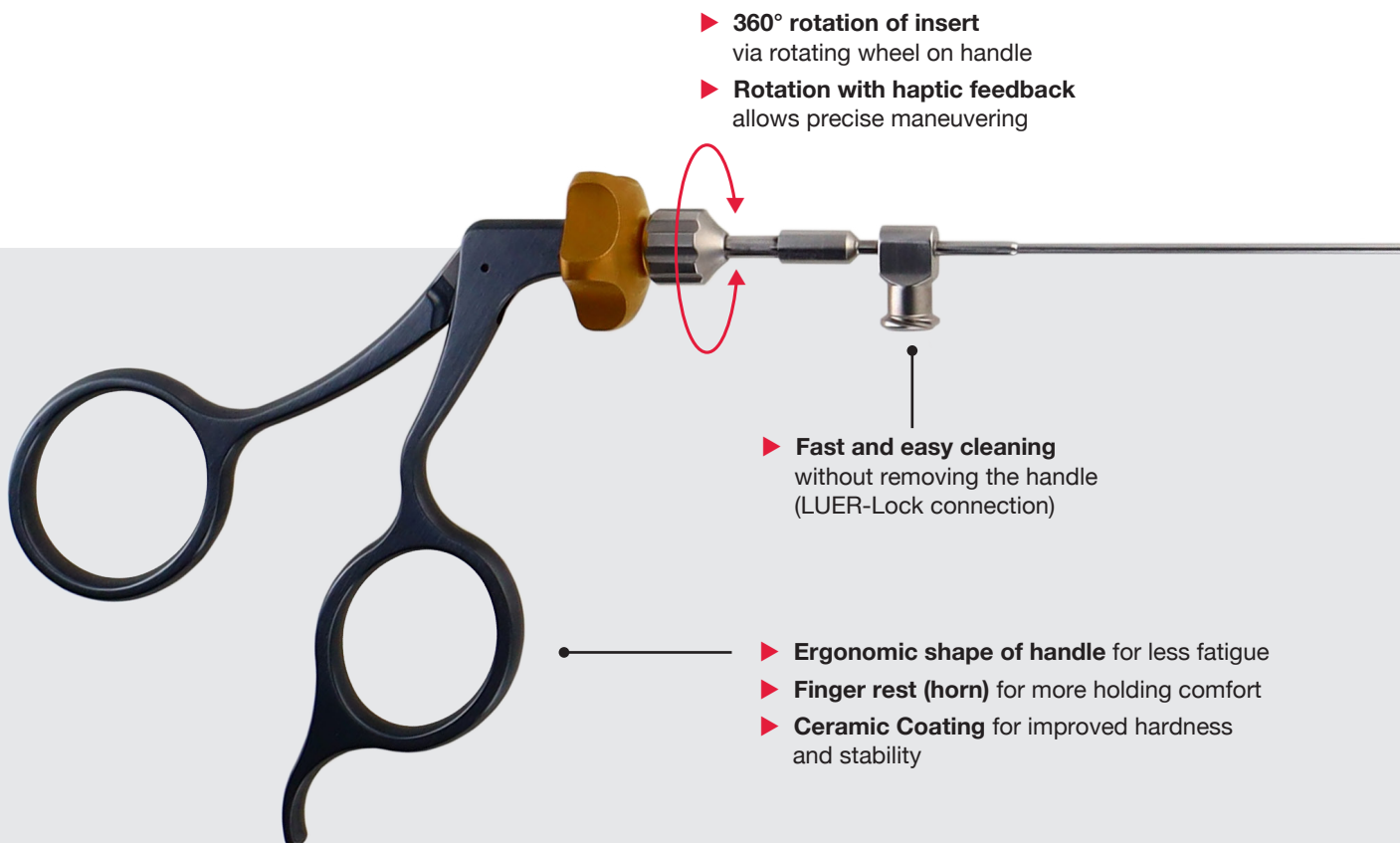
with **exchangeable** Inserts



- ▶ **Self-holding handle** for easy connection and exchange of inserts



- ▶ **Quick and easy exchange of insert** perfect grip through ripples on union nut while (dis-)assembling



- ▶ **360° rotation of insert** via rotating wheel on handle
- ▶ **Rotation with haptic feedback** allows precise maneuvering

- ▶ **Fast and easy cleaning** without removing the handle (LUER-Lock connection)

- ▶ **Ergonomic shape of handle** for less fatigue
- ▶ **Finger rest (horn)** for more holding comfort
- ▶ **Ceramic Coating** for improved hardness and stability

LUER-Lock Caps (for better identification of the inserts)

	▶ e.g. for Biopsy Forceps	 red	087-960-01
	▶ e.g. for Scissors	 yellow	087-965-01
	▶ e.g. for Grasping Forceps	 black	087-970-01
	▶ e.g. for Punches	 green	087-975-01

PIRUETTO

Fully Rotatable Micro Instruments

- ▶ **Extended Lifetime**
due to overload protection
- ▶ **Economic solution**
using only one handle with
exchangeable inserts



- ▶ **Inserts are available with various jaw types:**



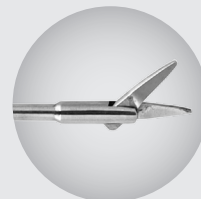
Biopsy
Forceps



Biopsy
Forceps (serrated)



Scissors
(blunt)



Scissors
(pointed)



Grasping
Forceps



Punch



Tenaculum
Forceps



Biopsy Forceps
(with pin)

Ordering Information

360° ROTATABLE SEMI-RIGID INSTRUMENTS; with **EXCHANGEABLE*** INSERTS

	Description	Length (FL)	5 Fr.	7 Fr.
	BIOPSY FORCEPS ► Oval ► Double action	400 mm	584-012-16LL	584-012-23LL
		340 mm	584-212-16LL	584-212-23LL
	SCISSORS ► Blunt ► Single action	400 mm	584-022-16LL	584-022-23LL
		340 mm	584-222-16LL	584-222-23LL
	SCISSORS ► Pointed ► Single action	400 mm	584-023-16LL	584-023-23LL
		340 mm	584-223-16LL	584-223-23LL
	BIOPSY FORCEPS ► Oval Serrated ► 1x2 spike Double Action	400 mm	584-056-16LL	–
		340 mm	584-256-16LL	–
	GRASPING FORCEPS ► Alligator jaw ► Double action	400 mm	584-062-16LL	584-062-23LL
		340 mm	584-262-16LL	584-262-23LL
	PUNCH ► Through-cutting ► Single action	400 mm	584-058-16LL	–
		340 mm	584-258-16LL	–
	TENCACULUM FORCEPS ► 1x1 spike ► Double action	400 mm	584-078-16LL	584-078-23LL
		340 mm	584-278-16LL	584-278-23LL
	BIOPSY FORCEPS ► Oval with pin ► Double action	400 mm	584-050-16LL	–
		340 mm	584-250-16LL	–
	HANDLE only ► For use with all inserts ► Ergonomic Design ► Self-holding handle for easy connection with inserts ► Ceramic coating for improved hardness and stability	For use with all above mentioned 5/7 Fr. semi-rigid micro instruments with Art. No. 584-xxx-xx	584-305-00CC	

* To purchase an insert only, please add „A“ behind the part number.

TONTARRA Medizintechnik GmbH

Daimlerstr. 15 · 78573 Wurmlingen/Germany

Tel: +49(0) 74 61/9 65 76 -0

Fax: +49(0) 74 61/9 65 76 -26

info@tontarra.de

www.tontarra.de