

UKMEDICAL®

*It's Interventional.*

# It's the Temno® Range/



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# *It's about reliability and precision /*

*The Temno® range of semi-automatic biopsy needles is designed to combine precise sampling with clinical choice.*

*The combination of manual advancement and spring activated sample capture technology provide the control and accuracy needed for delicate anatomical structures, small lesions and vascular areas. Available in a wide range of options and sizes, the Temno® range provides a reliable solution for your biopsy procedures.*

## **Product benefits:**

- **Proven and reliable Temno® brand**
- **Choice of needles to meet differing biopsy requirements**
- **Tip design provides option of steerability or straighter needle tracking**
- **Enhanced precision and control**
- **Ergonomic, lightweight design**

## **Additional information?**

If you would like further assistance with using our Temno® range, or need advice on how to order, please call us on: **0114 268 8880**



## Temno® Biopsy System Product Features:

Lightweight, compact design for ease of use

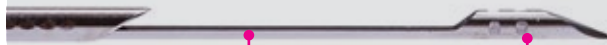
Available with coaxial introducer

Centimetre depth markers

20mm sample notch for maximum sample capture

Echogenic markers on stylet and cannula for precise ultrasound placement

Sharp bevel tip for ease of tissue penetration



## Ordering Information

Original Temno	Product code	Biopsy needle size	Coaxial product code	Introducer needle size
22G	T226	22G x 6cm	–	–
	T229	22G x 9cm	–	–
	T2215	22G x 15cm	CT2215	20G x 10cm
	–	–	CT2220	20G x 15cm
20G	T206	20G x 6cm	–	–
	T209	20G x 9cm	–	–
	T2011	20G x 11cm	CT2011	19G x 6cm
	T2015	20G x 15cm	CT2015	19G x 10cm
	T2020	20G x 20cm	CT2020	19G x 15cm

Original Temno	Product code	Biopsy needle size	Coaxial product code	Introducer needle size
18G	T186	18G x 6cm	–	–
	T189	18G x 9cm	–	–
	T1811	18G x 11cm	CT1811	17G x 6cm
	T1815	18G x 15cm	CT1815	17G x 10cm
16G	T1820	18G x 20cm	CT1820	17G x 15cm
	T166	16G x 6cm	–	–
	T169	16G x 9cm	–	–
	T1611	16G x 11cm	CT1611	15G x 6cm
	T1615	16G x 15cm	CT1615	15G x 10cm
14G	T1620	16G x 20cm	CT1620	15G x 15cm
	T146	14G x 6cm	–	–
	T149	14G x 9cm	–	–
	T1411	14G x 11cm	CT1411	13.5G x 6cm
	T1415	14G x 15cm	CT1415	13.5G x 10cm
	T1420	14G x 20cm	CT1420	13.5G x 15cm

## Temno Evolution® Biopsy System Product Features:

Lightweight, compact design for ease of use

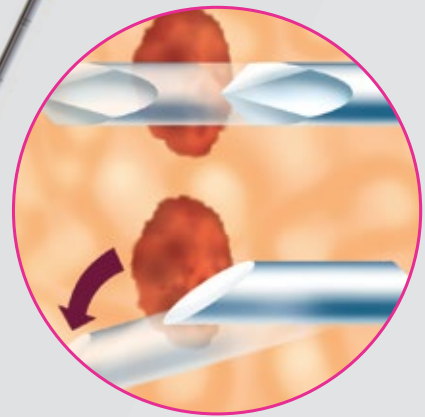
Available with coaxial introducer

Ergonomically designed handle

Two notch sizes - 10mm or 20mm for controlled, precise sampling

Four-sided bevel for quick, easy needle insertion with less trauma to organs and surrounding tissue

Echogenic markers on stylet and cannula for precise ultrasound placement



Standard bevel needles can “drift” or “deflect” from their target. The revolutionary shape of the Temno Evolution® needle tip keeps it on the track, significantly reducing needle deflection



## Ordering Information

TT	Product code	Biopsy needle size	Coaxial product code	Introducer needle size
20G	TT206	20G x 6cm	–	–
	TT2011	20G x 11cm	CTT2011	19G x 6cm
	TT2015	20G x 15cm	CTT2015	19G x 10cm
	TT2020	20G x 20cm	CTT2020	19G x 15cm
18G	TT186	18G x 6cm	–	–
	TT1811	18G x 11cm	CTT1811	17G x 6cm
	TT1815	18G x 15cm	CTT1815	17G x 10cm
	TT1820	18G x 20cm	CTT1820	17G x 15cm

TT	Product code	Biopsy needle size	Coaxial product code	Introducer needle size
16G	TT166	16G x 6cm	–	–
	TT1611	16G x 11cm	CTT1611	15G x 6cm
	TT1615	16G x 15cm	CTT1615	15G x 10cm
	TT1620	16G x 20cm	CTT1620	15G x 15cm
14G	TT146	14G x 6cm	–	–
	TT1411	14G x 11cm	CTT1411	13.5G x 6cm
	TT1415	14G x 15cm	CTT1415	13.5G x 10cm
	TT1420	14G x 20cm	CTT1420	13.5G x 15cm

## Adjustable Coaxial Temno® Product Features:

Lightweight, compact design for ease of use

Adjustable coaxial bolt and measurement indicator for accurate notch and throw confirmation

9mm - 19mm fully adjustable sample notch

Echogenic markers on stylet and cannula for precise ultrasound placement

Sharp bevel tip for ease of tissue penetration

Packaged with coaxial introducer for multiple sampling capability

Positive skin lock controls forward migration

Trocar point stylet for ease of tissue penetration

Blunt-tip cannula helps prevent inadvertent distal drift and may reduce risk of tissue trauma

## Ordering Information

ACT	Product code	Biopsy needle size	Introducer needle size
22G	ACT2211	22G x 11cm	20G x 6cm
	ACT2215	22G x 15cm	20G x 10cm
20G	ACT2011	20G x 11cm	19G x 6cm
	ACT2015	20G x 15cm	19G x 10cm
	ACT2020	20G x 20cm	19G x 15cm
18G	ACT1811	18G x 11cm	17G x 6cm
	ACT1815	18G x 15cm	17G x 10cm
	ACT1820	18G x 20cm	17G x 15cm
14G	ACT1415	14G x 15cm	13.5G x 10cm

## Universal Coaxial Introducer Needles

Coaxial Introducer Needle	Product code	Introducer needle size	Biopsy needle size	Introducer needle size
20G	PP206	20G x 6cm	22G x 11cm	2211
	PP2010	20G x 10cm	22G x 15cm	2215
	PP2015	20G x 15cm	22G x 20cm	2220
19G	PP196	19G x 6cm	20G x 11cm	2011
	PP1910	19G x 10cm	20G x 15cm	2015
	PP1915	19G x 15cm	20G x 20cm	2020
17G	PP176	17G x 6cm	18G x 11cm	1811
	PP1710	17G x 10cm	18G x 15cm	1815
	PP1715	17G x 15cm	18G x 20cm	1820
15G	PP156	15G x 6cm	16G x 11cm	1611
	PP1510A	15G x 10cm	16G x 15cm	1615
	PP1515A	15G x 15cm	16G x 20cm	1620
14G	PP1356	13.5G x 6cm	14G x 11cm	1411
	PP13510	13.5G x 10cm	14G x 15cm	1415

## Soft Tissue Biopsy Devices Quick Reference

	Cat. no. Prefix	Sample notch (mm)	Throw (mm)	Coaxial Introducer	Echogenic Markings		Tip Shape		Gauge										Length (cm)									
					Stylet	Cannula	Stylet	Cannula	22	20	19	18	17	16	15	14	12	5	6	9	10	11	15	20	25			
Temno Evolution® needle	TT	10 or 20	12 or 21	Compatible	Yes	Yes	Four-sided Bevel	Bevel		•		•		•		•									•	•	•	•
Temno Evolution® coaxial system	CTT	10 or 20	12 or 21	Included	Yes	Yes	Four-sided Bevel	Bevel		•		•		•		•			•						•	•	•	
ACT device	ACT	9-19	14-24	Included	Yes	Yes	Bevel	Bevel	•	•		•				•									•	•	•	
Temno® needle	T	20	22	Compatible	Yes	Yes	Bevel	Bevel	•	•		•		•		•				•	•			•	•	•		
Temno® coaxial needle	CT	20	20	Included	Yes	Yes	Bevel	Bevel	•	•		•		•		•								•	•	•		
Universal coaxial introducer needle	PP	N/A	N/A	N/A	No	Yes	Trocar	Blunt		•	•		•		•		13.5		•					•		•		

Temno® Biopsy System

Temno Evolution® Biopsy System

Adjustable Coaxial Temno®



Manufactured by



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