



SEE DEEPER. CARE BETTER.

AI-Driven and Dermoscopy-Guided Skin Ultrasound. Made Simple.



DERMUS SKINSCANNER



CLARIUS L20 HD

ADVANTAGES

- Optical modality
- Precise positioning
- Highest frequency
- Higher resolution
- Colorized US image
- One hand operation
- Wider applications

DISADVANTAGES

- Lower scan rate
- Lower scanning length
- Lower penetration
- No 2D Doppler (yet)



TECHNICAL DATA COMPARISON

	Dermus SkinScanner-M	Clarius L20 HD
Nominal frequency [MHz]	33	8–20
Resolution (axial or axial / lateral) [μm]	100 / 300	130
Penetration depth [mm]	10	40
Scanning length (lateral aperture) [mm]	12	25
Scan rate [frame/sec]	up to 5	up to 30
Scanning method	Mechanical, motorized	Electronic (linear array)
Weight [g]	240	300
Size, portability	Fully portable handheld device with smartphone / Easily portable (handheld device + laptop)	Fully portable handheld device + smartphone
Connectivity (between transducer and computing unit)	Compact with smartphone physically attached and connected via high speed USB cable	Wireless to smartphone
Display	Smartphone or Laptop	Smartphone
Image colormap	Grayscale / color palette	Grayscale
Modalities	Multimodal: HFUS + Optical image	HFUS
Additional modes	1D Power Doppler, AI segmentation, Volume/Area measurements	2D Power Doppler, Pulsed-wave Doppler, Elastography
Power supply	Smartphone / Laptop	Internal battery
Cost [EUR]	7 k	5–7 k
Certification	CE, ongoing FDA	CE, FDA