

Living up to Life

Leica
MICROSYSTEMS

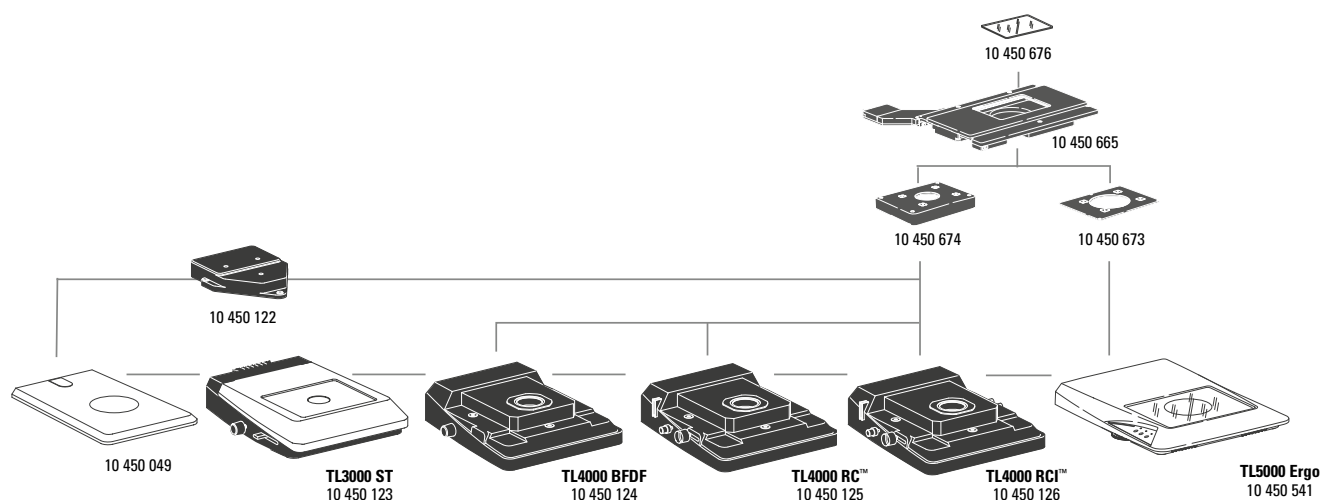
Leica LMT260 XY-Scanning Stage

Scanning Stage for Stereo Microscopes
Technical Data – July 2013



Technical data Leica LMT260 XY Scanning Stage

Description	Value		
Motors	Two linear motors		
Measurement system	Absolute measurement system, no limit switches		
Travel range	X = 120 mm, Y = 80 mm		
Load (max.)	< 0.5 kg	0.5 kg	1.5 kg
Travel speed (max.)	500 mm/s	500 mm/s	200 mm/s
Travel acceleration (max. X/Y)	1.0/2.0 m/s ²	1.0/2.0 m/s ²	0.1/0.1 m/s ²
Position repeatability	< ± 0.25 µm	< ± 0.5 µm	< ± 1.0 µm
Position accuracy	< ± 1.0 µm	< ± 2.0 µm	< ± 4.0 µm
Position resolution	Max. 5 nm		



Adapter to mount the Leica LMT260 XY Scanning Stage on a base

Base	Order number base	Order number adapter
Leica TL5000 Ergo	10450541	10450673
Leica TL4000 BDF	10450124	10450674
Leica TL4000 RC	10450125	10450674
Leica TL4000 RCI	10450126	10450674
Incident light base	10450049	10450122 and 10450674