

Charge Scheme of Academia Sinica Cryo-EM Facility (ASCEM)

CEM2 - Tecnai G2 F20 TWIN / CEM3 - Talos Arctica 200 keV / CEM4 - Titan Krios 300 keV

(Start from 2018.07.01, updated on 2026.06.16)

ITEM	UNIT	COST (NT\$)	REMARK
Negative stain			
FCFTH300-CU Formvar/Carbon Film Thin Bar Hex	piece	150	
Cryo-sample vitrification			
FEI Vitrobot (Academia users)	2 hours	600	
FEI Vitrobot (Industry users)	2 hours	2,400	
Cryo-sample holder ^(note 1)			
Quantifoil Holey Grid	piece	390	Copper
UltrAuFoil Grid	piece	950	Gold
CEM3 / CEM4 sample clip ^(note 2)			
C-clip plus ring	set	700	
CryoEM data collection			
CEM2 (Academia users)	hour	500 regular time / 300 off time	3 hrs per session
CEM2 (Industry users)	hour	4,000 regular time / 2,400 off time	3 hrs per session
CEM3 (Academia users)	4 hours	5,200	
CEM3 (Industry users)	4 hours	40,000	
CEM3 (Academia users)	day	13,000	
CEM3 (Industry users)	day	100,000	
CEM4 (Academia users)	day	18,000	
CEM4 (Industry users)	day	140,000	
Training Courses			
Vitrobot Training, Practice, Exam	person	Training fee 1,500 Vitrobot fee 200 Instruction fee 500	3 trainees per time
CEM2 - TF20 Training-data collection	person	500	
CEM3 - Talos EPU Training	person	1,500	
CEM4 - Titan EPU-K3 Training	person	1,500	

Note 1: Users are expected to bring their own grids.

Note 2: Clipping can only be carried out by certified managers before loading the sample grids onto CEM3/4 and only consumables is charged.
Damaged grids can't be clipped.