



SOPHISTICATED INSTRUMENTATION CENTRE FOR RESEARCH AND TESTING

SOPHISTICATED INSTRUMENT AVAILABLE



FTIR BRUKER ALPHA-T



UV-1800 Shimadzu



SPECTROFLUOROMETERE
RF5301 PC Shimadzu



Shimadzu LC-2030
CHT



HPTLC system (CAMAG Switzerland)



Shimadzu LC-2010 CHT high
throughput HPLC system



High speed homogenizer



Brookfield Texture Analyzer
Rheometer



Malvern Zetasizer



Spray dryer Cronimach

- We provide sophisticated instrument facilities for pharmacy research scholars Pharmaceutical and other Industries.
- We also welcome industrial collaboration in the area of Novel drug delivery system, Method development, Stability study, Herbal Drug Standardization, etc.



Sophisticated Instruments centre Uka Tarsadia University

FACILITY AVAILABLE	MAJOR SPECIFICATION	Charges in RUPEES per sample for academic institute	Charges in RUPEES per sample for industry
U.V. Spectrophotometer	a. Double beam Spectrophotometer UV 1700 UV-1800 (Shimadzu)	Qualitative Rs 150	Qualitative Rs 300
	b. Lab India UV- VIS spectrophotometer model UV 3092	Quantitative Rs 200	Quantitative Rs 600
	c. UV spectrophotometer UV 1900 i model		
FTIR Spectrophotometer	ALPHA-T ATR and Transmission mode (Bruker optics)	ATR Rs 200	ATR Rs 500
		Transmittance Rs 300	Transmittance Rs 600
HPLC	Shimadzu LC-2010CHT high throughput HPLC system Quaternary gradient pump Auto sampler with sample cooler Online degasser PDA detector (Spincotech)	Qualitative Rs 200	Qualitative Rs 600
		Quantitative Rs 400	Quantitative Rs 1000
HPLC	LC-2030 LT Prominence-i version	Qualitative Rs 200	Qualitative Rs 600
		Quantitative Rs 400	Quantitative Rs 1000
HPTLC	HPTLC system (CAMAG Switzerland)	Qualitative Rs 300	Qualitative Rs 600
		Quantitative Rs 500	Quantitative Rs 1000
Spectro-fluorometer	RF-5301 PC (Shimadzu)	Qualitative Rs 200	Qualitative Rs 400
	RF-6000 (Shimadzu)	Quantitative Rs 300	Quantitative Rs 600
Dissolution test Apparatus	Lab India (DISSO 8000) with transdermal cylinder and intrinsic dissolution attachment (Electrolab, Lab India)	Rs 200 per sample per Hr analysis (Analysis charge extra)	Rs 400 per sample per Hr analysis (Analysis charge extra)
Spray dryer	Jai Instruments (LSD-48 Mini Spray Dryer)	Rs 300 /hr	Rs 600 /hr
Freeze dryer	Labconco	Rs 300 /hr	Rs 600 /hr

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High speed Homogenizer	Model PANDA plus 2000 GEA Niro S.p.A. , Italy	Depends upon sample and requirement	Depends upon sample and requirement
Tablet compression	Mini press 1 station (Rimek)		
Coating machine	Coating machine (Hardik)		
Viscometer	Brookfield with small sample adaptor	Rs 200	Rs 400
Zeta sizer	Malvern Zetasizer (Nano-ZS 90)	Particle Size: Rs 300 Zeta Potential: Rs 300 Both: Rs 500	Particle Size: Rs 600 Zeta Potential: Rs 600 Both: Rs 1000
Rheometer	Brookfield (Model No: LVDV 3T EZ)	Rs 400	Rs 800
Texture Analyzer	Brookfield (Model No: CT3-4500GM)	Rs 400	Rs 800
Fluid bed processor	(Cronimach)	Depends upon sample and requirement	Depends upon sample and requirement
Extruder	(Cronimach)		
Spheronizer	(Cronimach)		
Power lab 4d instrument		Rs 2000 per sample per study	Rs 4000 per sample per study
Artificial rodent ventilator		Rs 1500 per sample per study	Rs 3000 per sample per study
All maze software		Rs 1500 per sample per study	Rs 3000 per sample per study
Tulip Eliza plate reader		Rs 1300 per sample per study	Rs 2500 per sample per study

@ It is mandatory for academic institute to acknowledge the facility in their research work and communicate the same.

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Updated on 30-09-2022