






Scientific Research Instruments in Department of Medicinal Chemistry


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|--------------------------|----------------------------|---------|--|
| Name of Department | Medicinal Chemistry | Tel: | 25058 |
| Head of Department | Prof. Dr. Mohammed Mostafa | Mobile | 01126667882 |
| Location of Laboratory | C303 and C503 | E-mail: | |
| Research/Lab Coordinator | Dr. Ahmed Abu Bakr | Mobile | 01001803706 |
| | | E-mail: | ahmed_smt@yahoo.com |
| | Dr. Ahmed R. Ali | Mobile | 01098384072 |
| | | E-mail: | ahmed_reda5588@mans.edu.eg |


| Instrument | Digital Dihan hotplate with magnetic stirrer | |
|------------|--|--|
| Model | MSH 20D 180×180MM plate |  |
| Uses | Heating with stirring and timer | |


| Instrument | Dihan hotplate with magnetic stirrer | |
|------------|--------------------------------------|--|
| Model | MSH 20a 180×180MM plate |  |
| Uses | Heating with stirring | |




| Instrument | Melting point apparatus | |
|------------|-----------------------------|---|
| Model | SMP 30 |  |
| Uses | Measuring the Melting point | |


| Instrument | Rotary valve and adsorber exchange | |
|------------|--|---|
| Model | Stuart Cole-palmer LTD Cat. No.: RE400DB |  |
| Uses | Evaporation of various solvents | |


| Instrument | Pump for rotavap | |
|------------|---|---|
| Model | BrandTech™ VACUUBRAND™ VARIO™ PC3000 |  |
| Uses | Used with the Rotavap for Evaporation of various solvents | |


| Instrument | Pump for rotavap | |
|------------|---|--|
| Model | Rocker 400 Cat. No.: 167400-22 |  |
| Uses | Used with the rotavap for Evaporation of various solvents | |




| Instrument | Oven Electronic with micro-processor | |
|------------|---|---|
| Model | Titanox |  |
| Uses | Drying glassware | |


| Instrument | Ice Maker | |
|------------|-------------------|---|
| Model | BREMA ice maker |  |
| Uses | Generation of ice | |


| Instrument | UV-Lamp | |
|------------|---|---|
| Model | VL-6.LC 6W-365nm Tube 6W-254nm Tube |  |
| Uses | TLC visualization | |


| Instrument | Bell Italy precision balance | |
|------------|------------------------------|---|
| Model | SS2.3520g |  |
| Uses | Balance resolution 0.001 | |



| Instrument | Bell Italy analytical balance | |
|------------|-------------------------------|---|
| Model | M214AI |  |
| Uses | Balance resolution 0.0001 | |

| Instrument | Buchi Switzerland rotavapor | |
|------------|--|---|
| Model | R 215 Supply with drive unite, Quick action jack Heating bath B491, with digital display |  |
| Uses | Evaporation of various solvents | |

| Instrument | Spectro UV-VIS Double Beam PC Scanning Spectrophotometer | |
|------------|---|---|
| Model | UVD-2950 (LABOMED,INC) |  |
| Uses | quantitative measurement of the reflection or transmission properties of a material as a function of wavelength | |

| Instrument | Spectrofluorometer | |
|------------|---------------------------------------|---|
| Model | RF-1501 (SHIMADZU) |  |
| Uses | qualitative and quantitative analysis | |