







١: أجهزة التحليل:



1-1- TQ LC-MS/MS (Agilent)



1-2- ATR FTIR-Raman (Thermo Scientific)



1-3- X-ray diffraction (PANalytical)



1-4- Handheld XRF (Bruker)

٢: أجهزة الفحص والتصوير:



2-1- X-ray radiography



2-2- IR imaging camera



2-3- Stereo Microscopes with integrated camera



2-4- Mirrorless photography CANON and SONY cameras, SONY video camera and soft box

٣: أجهزة التجريبي (المعمل التجريبي):

أجهزة متنوعة تستعمل في إعداد العينات التجريبية ودراسة خواصها وإعداد مركبات النانو في المعمل



3-1- UV/Visible Double Beam Spectrophotometer



3-2- Handheld colorimeter

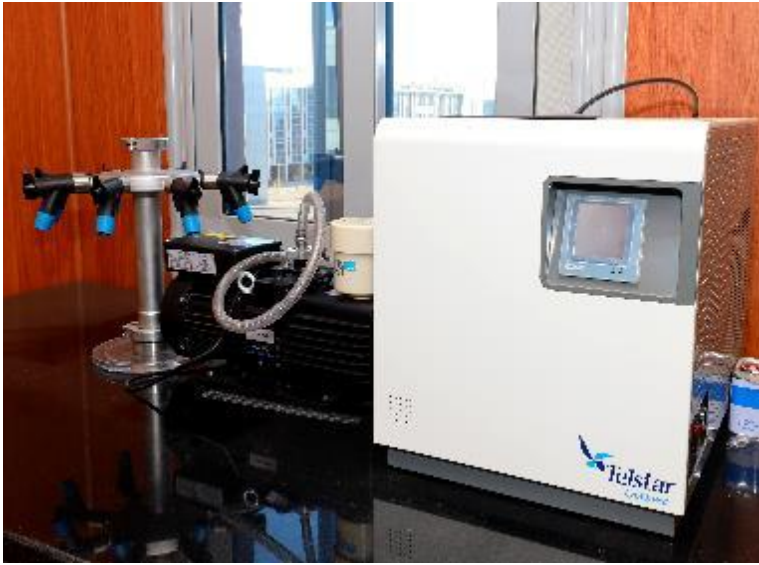


3-3- Microtrac ZETA Analysis system



3-4- Centrifuge (Sigma 3-30KHS, Germany)

3-5- Centrifuge (Sigma 1-14, Germany)



3-6- Bench top Freeze Dryer (LyoQuest plus)



3-7- Autoclave (Tommy)



3-8- Drying and Heating Chamber (Binder)



3-9- Digital Incubator (Binder)



3-10- Orbital Shaker (Ohaus)



3-11- pH Bench Meter (Ohaus)



3-12- conductivity meters



3-13- Ultrasonic bath (Elmasonic)



3-14- Analytical balance (OHAUS)



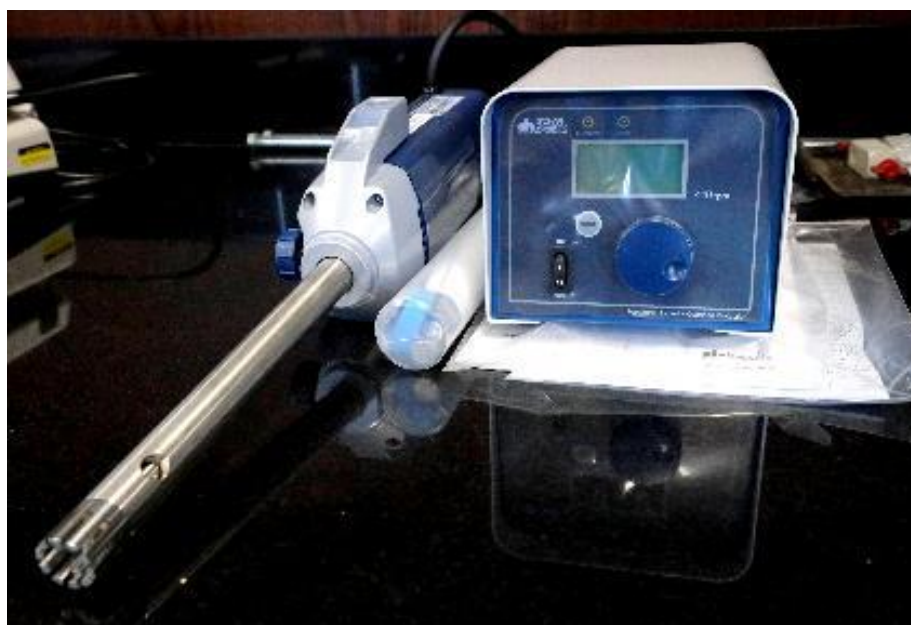
3-15- Ceramic digital hot plate with magnetic stirrer, Thermo Scientific)



3-16- Rotary evaporator



3-17- Water purification system
(Therom scientific)



3-18- Homogenizer



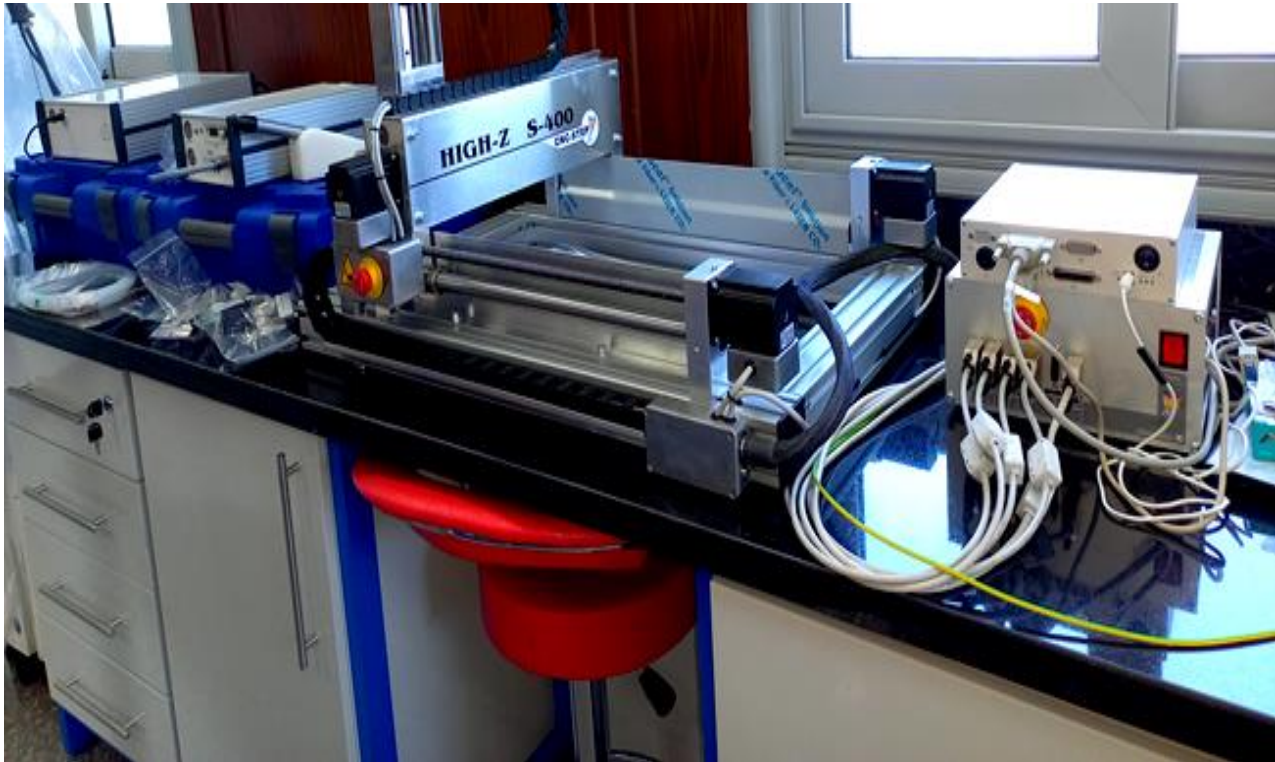
3-19- Fume hoods

٤: أجهزة الترميم (المعمل التطبيقي):

أجهزة متنوعة تستعمل في ترميم المقتنيات الأثرية



4-1- Laser cleaning system (ITALY)



4-2- Plasma cleaning system (Germany)



4-3- LOW PRESSURE SUCTION, HEATING, HUMIDIFICATION TABLES (CTS, ITALY)



4-4- Micro-sandblaster, Micro-hydro-sandblaster, BOX CTS 4 (CTS, ITALY)



4-5- Heated Spatula (CTS, ITALY)



Deacidification Machine (CTS, ITALY)



3-20- STEAM CLEANER MINOR (CTS, ITALY)



4-6- Lighting table (CTS, ITALY)



4-7- Atomizing System (CTS, ITALY)



4-8- System For Vacuum Consolidation



ULTRASONIC DEVICE WITH AUTOMATIC SYSTEM OF WATER SUPPLY (CTS, ITALY)



MICROMOTOR (CTS, ITALY)



ULTRASONIC STEAM CLEANER STEAM SCALPEL (CTS, ITALY)



4-9- Wax heater (CTS, ITALY)



4-10- GRINDER (CTS, ITALY)

4-11- VIBRATING CUTTER (CTS, ITALY)



4-12- DREMEL® Digital Rotary Tool ART. (CTS, ITALY)



4-13- Fume hood