

Chemical Lab, year 2018-2019:

LABORATORY DEVICES

2 AUTOMATIC YARN WINDING REINS

IT IS USED FOR CREATING HANDS OF DETERMINED LENGTH FOR PROCESSES LIKE DETERMINATION OF YARN NUMBER OR DYEING TESTS. IT IS WITH DIGITAL CONTROLLER AND ELECTRIC MOTOR. CIRCUIT CIRCLE IS 1 METERS. THE HAG CREATED WITH THE HELP OF A FOLDABLE ARM CAN BE EASILY REMOVED FROM THE DEVICE. DEVICE SIZE SAFETY

2nd

IT IS EQUIPPED WITH CONDITIONS AND IS SUPPLIED WITH A YARN STAND THAT ENABLES WRAPPING 10 YARNS AT THE SAME TIME.

1 YARN TWISTING TESTER

IT IS USED FOR TWISTING MEASUREMENT OF SINGLE AND DOUBLE YARNS. IT HAS A DIGITAL TOUCH 3.5" COLOR LCD SCREEN AND ELECTRONIC CONTROLLER. IT CAN BE SELECTED FOR S AND Z TWISTING. MEASUREMENT LENGTH CAN BE ADJUSTED BETWEEN 50...500 MM. HIGH SENSITIVITY PLC SURFACE MADE BY THE AVERAGE PANEL. TRANSACTIONS CAN BE DIRECTED EASILY. RS232 COMPUTER DATA OUTPUT IS STANDARD. PRINTER AND TWISTING ANALYSIS SOFTWARE CAN BE OPTIONAL SUPPLIED.

METHODS SUCH AS TWIST UNTWIST METHOD, DIRECT COUNTING METHOD, BREAKING METHOD CAN BE CONVENIENTLY APPLIED WITH THE DEVICE.

1 PIECE CONICAL PLATE

IT IS USED IN DETERMINING THE UNNORMALITY, PIGGING AND OTHER DEFECTS IN THE YARNS, BY WRAPPING YARNS WITH THE DESIRED DISTANCE AND DENSITY ON BLACK OR WHITE CONICAL PLATES. CAN BE WINDING WITH VARIABLE SPEED. 2 BLACK AND 2 WHITE CONICAL PLATES ARE SUPPLIED WITH THE DEVICE AS STANDARD. ASTM PHOTOGRAPHIC YARN APPEARANCE STANDARDS REQUIRED FOR COMPARISON CAN BE OPTIONALLY SUPPLIED.

1 PIECE MANUAL CROCHMETER

CROCHMETERS ARE USED IN FRICTION COLOR FASTNESS TEST MADE BY THE METHOD OF COLOR CHANGE IN THE SAMPLE AND SPOILING THE ACCOMPANYING FABRIC RESULTING FRICTION OF TEXTILE PRODUCTS AGAINST OTHER ACCOMPANYING FABRIC. SAMPLES ARE RUBBED AGAINST DRY UNDYED, COTTON ACCOMPANYING FABRIC. THE COLOR RATIO OF THE ACCOMPANYING FABRIC IS DETERMINED ACCORDING TO THE STAINING GRAY SCALE.

THE DEVICE IS MANUALLY CONTROLLED AND WITH RESETTABLE DIGITAL COUNTER.

250 TEST FABRIC AND 1 GRAY SCALE WILL BE GIVEN WITH THE DEVICE.

1 AUTOMATIC LIGHT CABINET

COLOR EVALUATION CABINET FOR VISUAL EVALUATION OF SHADE AND COLOR DIFFERENCES UNDER REPEATED CONDITIONS. 60 CM OBSERVATION FIELD.

CONTROL PANEL WITH TOUCH BUTTON.

FLUORESCENT LAMPS WITH ELECTRONIC IGNITION.

THERE ARE SEPARATE USE HOURS AND QUALITY INDICATORS FOR EACH LAMP GROUP..

PROGRAMMABLE CONTROL PANEL .

2 D65 ARTIFICIAL DAYLIGHT (6500 KELVIN),

2 PCS TL84 WHITE LIGHTS (4000 KELVIN), 4 PCS INCA LAMP (2300-2800 KELVIN),

1 PCS UV ULTRAVIOLE

THE DEVICE HAS STANDARD 4 LAMP GROUPS AND IT CAN BE ADAPTED TO 2 ADDITIONAL LAMP GROUP DEVICES.

LAMPS CAN BE MIXED, WHERE IT CAN BE FIRED ONE BY ONE.

LAMP LIFE ALARMS ARE AVAILABLE AND CAN BE RESET THROUGH THE CONTROLLER.

DIMENSIONS (HEIGHT X WIDTH X DEPTH) CM

EXTERIOR : 60X74X48

OBSERVATION AREA: 53,4X68,5X42.2

3

INTERIOR PAINT : MATT EMULSION PAINT GRAY WITH ANTI-GLARE AND COLOR REFLECTION

1 PIECE YARN NUMBER DETERMINATION SCALE

(THREAD NUMBER METER) (TEX, DENIE, NM, NEC, CV, AVERAGE)

SENSITIVITY: 1 MG

PAN: 135X135MM

CALIBRATION : EXTERNAL

SCREEN TYPE FLD&LCD

SIZE W/D/H 210/340/150 MM -NET 5.1 KG,

PAN STRUCTURE CRNI STAINLESS 135*135 MM

NUMBER UNITS TEX- DEN- NM- NC

LENGTH OPTIONS 3YD 7YD 120YD 840YD 2M 10M 100M 500M

1 PIECE OF MANUAL THREAD WINDING REINFORCEMENT

IT IS USED FOR CREATING HANDS OF DETERMINED LENGTH FOR PROCESSES LIKE DETERMINATION OF YARN NUMBER OR DYEING TESTS. IT IS MANUALLY CONTROLLED AND DIGITAL COUNTER. CIRCLE CIRCLE CAN BE ORDERED AS 1 METER OR 1 YD. THE HAG CREATED WITH THE HELP OF A FOLDABLE ARM CAN BE EASILY REMOVED FROM THE DEVICE. THE DEVICE IS EQUIPPED WITH SIZE SAFETY CONDITIONS AND IT IS SUPPLIED WITH A YARN STAND THAT ENABLES WRAPPING 10 YARNS AT THE SAME TIME.

1 PIECE OVEN - WITH FAN

TEMPERATURE OPERATING LIMITS: AMBIENT TEMPERATURE +5 °C --- 250 °C

CAPACITY: 53 LT

TEMPERATURE SENSOR THERMOCOUPLE

THERMOMETER DIGITAL

THERMOSTAT SETTING ACCURACY 1 C°

THERMOSTAT WORKING SENSITIVITY + 1 C°

THERMOMETER READING ACCURACY 1 C°

INDOOR TEMPERATURE DIFFERENCES ±2 C°

TIME SETTING 0--99:59 HOUR

WHEN REACHING THE TIMER START SET TEMPERATURE

SAFETY SYSTEM LIQUID EXPANSION SAFETY THERMOSTAT (50-300 C°)

SHELVES (CHROME PLATED) 2 PCS

INTERIOR CAB MATERIAL STAINLESS

EXTERIOR CABINET MATERIAL OVEN DYED STEEL (DKP) SHEET

1 SAMPLE DYEING MACHINE

TEMPERATURE: 140 °C

NUMBER OF TUBE: 24 PCS

TUBE VOLUME: 200 cc

STAINLESS INSIDE AND EXTERNAL BODY

STAINLESS TUBE

OILY SYSTEM

4

COMPUTERIZED

ELECTRONIC CONTROLLED

1 PIECE COIL DYEING MACHINE

LABORATORY TYPE PRESSURE (MAXIMUM 3 BAR) SINGLE UNIT YARN BOBBIN DYEING MACHINE.

MAXIMUM COIL DIAMETER 240 MM. MAXIMUM COIL HEIGHT IS 350 MM. 1/10

THE FLOTE HAS THE OPPORTUNITY TO WORK. HEATING THE DEVICE IS ELECTRIC. THE DEVICE CAN HEAT UP TO 140 °C. HEATING RATE IS MAXIMUM 5.5 °C/MIN. HEATING AND COOLING RATE OF THE DEVICE CAN BE ADJUSTED ON THE BASIS OF RECIPE. THE DEVICE HAS 3.5" COLOR TOUCH SCREEN AND PLC CONTROL, AND ALL OPERATIONS CAN BE MADE AUTOMATICALLY. GRAPHIC DISPLAY