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Gesan Production s.r.l.

+39 0924912534

overseas@gesanproduction.it

www.gesanproduction.it



ISO 9001:2015



ISO 13485:2016

- > *Clinical Chemistry Reagents*
- > *Oem and Bulk Reagents*
- > *Veterinary Biochemistry*
- > *Drugs of Abuse and TDM*
- > *Laboratory Instruments*

# The Chem Family

Clinical Chemistry Analyzers



*Chem 100*



clot 1000



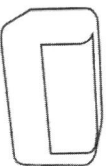
Smart LVTE



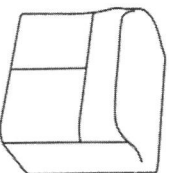
*Chem 200*



*Piccolo Chem*



*Chem 300 Plus*



*Chem 400*



Piccolo Chem



Chem 200



Chem 300 plus

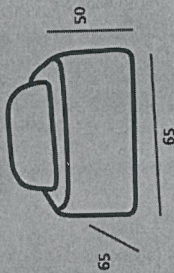


# Chem 200



*Clinical Chemistry Autoanalyzer*  
 Small, medium laboratory  
 Special routine, Back-up in big laboratory  
 Emergency department

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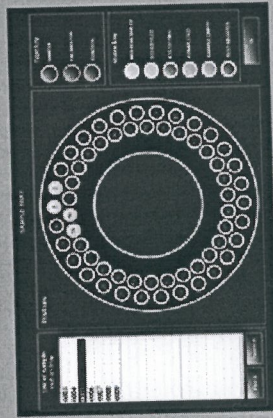
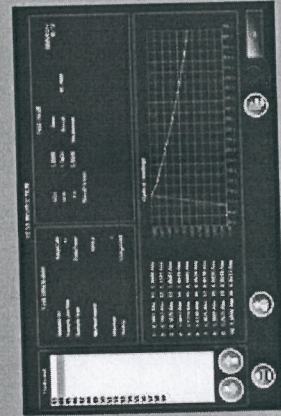
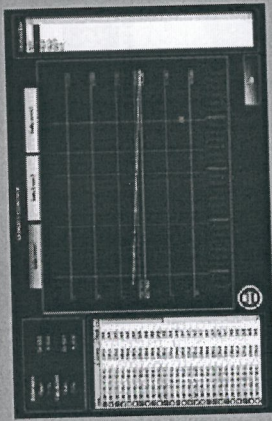
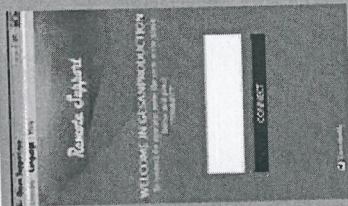


SIZE (cm)  
WEIGHT 50 kg

## Chem 200

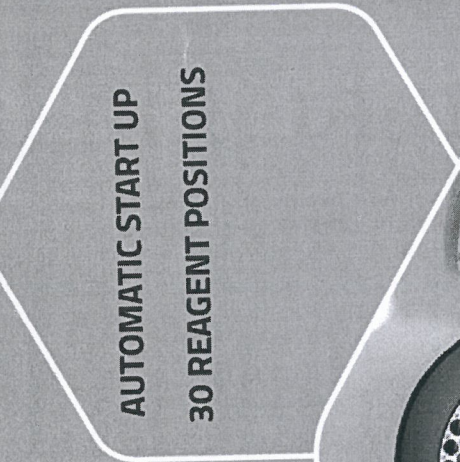
### System overview

- a. **OPERATION**
  - Clinical chemistry and turbidimetry
  - Random access, STAT
  - Open channels with barcoded bottles
  - Up to 200 tests / hour
- b. **CONTINUOUS SAMPLE LOADING**
  - 1 sampling needle
  - 60 positions
  - Pause mode for reagent and sample adding during test execution
- c. **DEDICATED BARCODED REAGENTS**
  - Ready to use
  - Validated by correlation studies
  - 30 reagent positions
  - Refrigerate and removable rack
- d. **REACTION**
  - 8-step cuvette wash station
  - Less than 2 l / h water consumption
  - Separate containers for normal and high contaminated waste
  - 1 sampling needle
  - Needle shock and capacitive liquid level detector
- e. **EXCELLENT USER INTERFACE**
  - Automatic check of reagents, expiry dates, calibration, maintenance, controls
  - Test inspection for reaction check and test details
  - Fully automated maintenance procedure
  - Touch screen technology
  - Intuitive software on Windows Net-Framework bases
  - Online remote support



## TEST MENU

ROUTINE	TURBIDIMETRIC PANEL
Albumin	ASO
Alkaline Phosphatase	CRP
Amylase	CRP antiserum
Pancreatic Amylase	RF
Bile Acids	IgA
Total Bilirubin	IgE
Direct Bilirubin	IgG
Calcium	IgM
Chloride	C3
Cholesterol	C4
HDL Direct Cholesterol	A-1 acid glycoprotein
LDL Direct Cholesterol	Antithrombin III
Cholinesterase	B-2 microglobulin
Ck Mb	Kappa chain
Ck Nac	Lambda chain
Copper	Lipoprotein (a)
Creatinine	Ferritin
Got - Ast	Transferrin
Homocysteine	Microalbumin
Iron	<b>DRUGS OF ABUSE</b>
Lactate	Alcohol
LDH	Amphetamine
Lipase	Barbiturates
Lithium	Benzodiazepines
Magnesium	Cocaine metabolite
Phosphorous	Ecstasy (MDMA)
Potassium	Methadone
Sodium	Opiates
Total Protein	THC (cannabis)
Triglycerides	<b>DIABETIC MARKERS</b>
Urea	Glucose
Uric Acid	GSP - Glycated Serum Protein
Urinary Protein	Fructosamine
Zinc	HbA1c
	<b>THERAPEUTIC DRUGS MONITORING</b>
	Digoxin
	Carbamazepine
	Phenobarbital
	Phenytoin
	Valproic acid
	TDM calibrator and controls



AUTOMATIC START UP  
30 REAGENT POSITIONS

