

# ON Y X 200

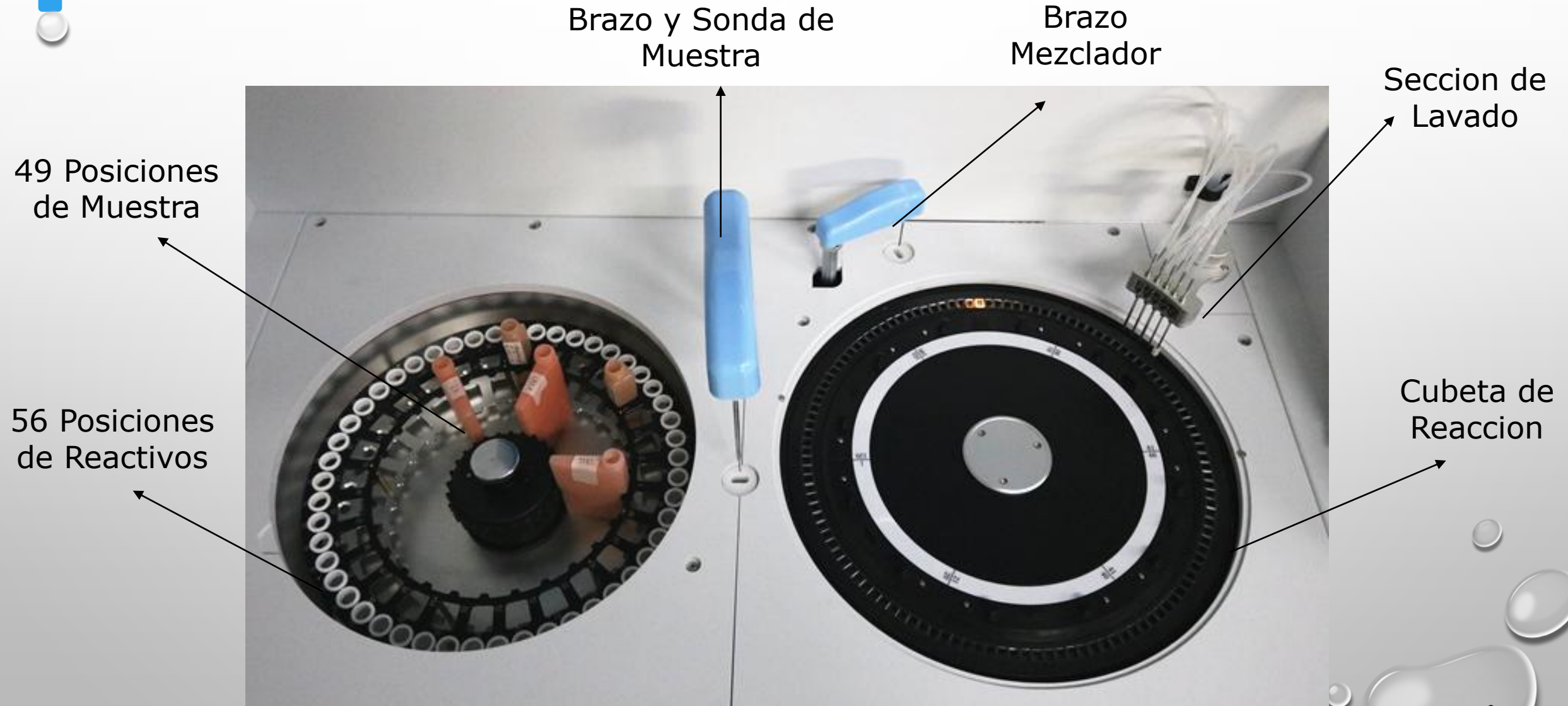
# ANALIZADOR AUTOMATIZADO DE QUÍMICA CLÍNICA



# ONYX 200



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## Reactivos

**56 Posiciones definidas con refrigeración.**

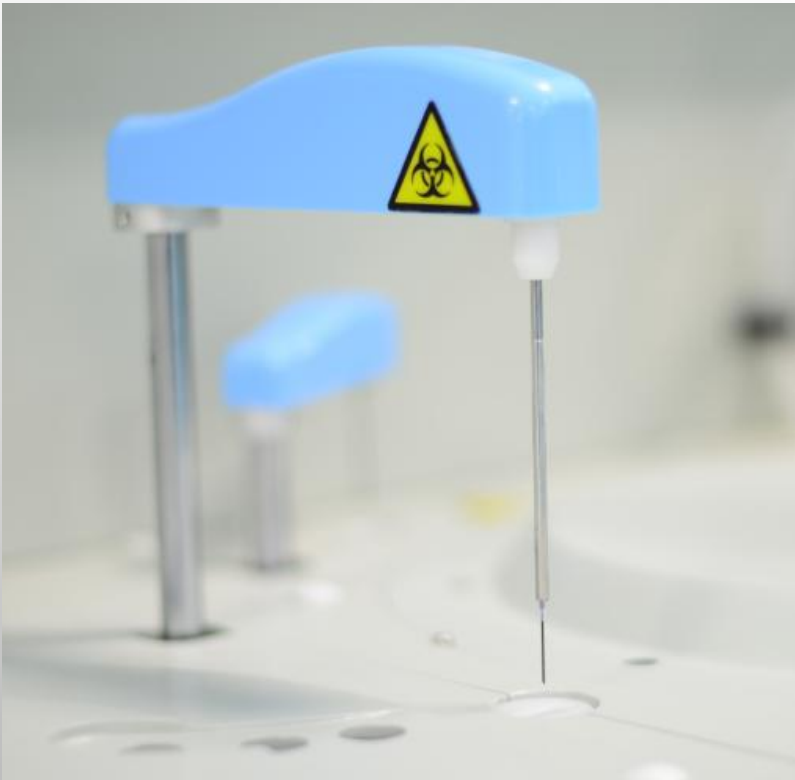
## Muestras

**49 Posiciones definidas para Pacientes, Calibraciones y Controles.**

## STAT

**Las muestras de emergencia pueden ser posecionadas en la charola de muestras en cualquier momento.**

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## Aguja para Reactivo y Muestras

- **Sensor de Nivel de líquido y protección anti-colisión.**
- **Monitorización en tiempo real de reactivos residuales.**
- **Limpieza interna y externa con dispensador de agua.**
- **Volúmen de Reactivo: 20~350 $\mu$ L, 1 $\mu$ L paso a paso.**
- **Volúmen de Muestra: 2~70 $\mu$ L, 0.1 $\mu$ L paso a paso.**

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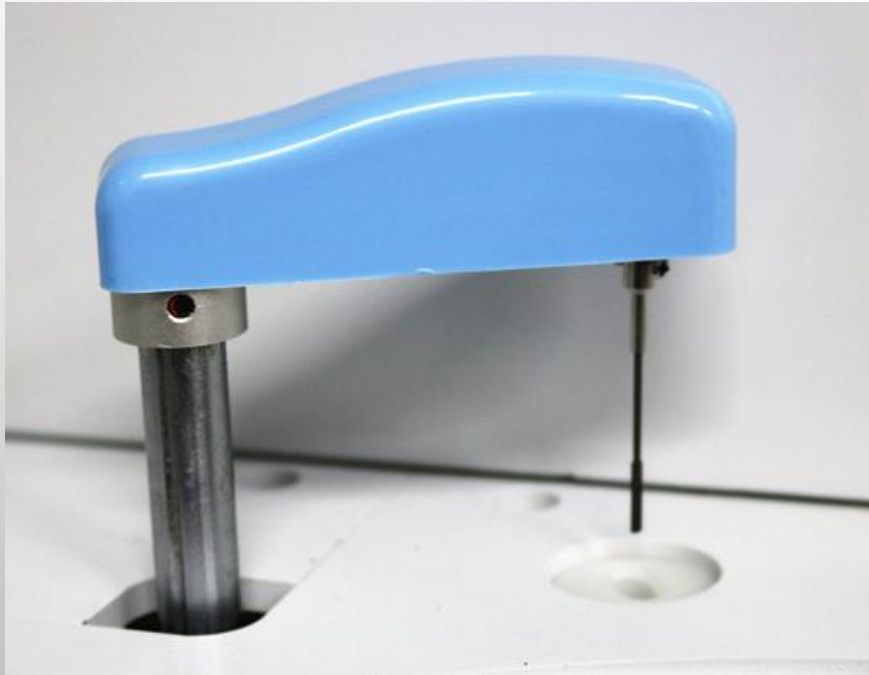
## Sistema de Lavado

**Sistema de Lavado independiente en 4 pasos para obtener un lavado preciso.**

## Cubeta de Reacción

**49 Posiciones definidas para pacientes, calibraciones y controles.**

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## Barra Mezcladora

**Barra mezcladora con facilidad de lavado externo.**

**Mezclado inmediato despues de agregar Reactivo y Muestra.**

**Motor de larga vida con fácil mantenimiento.**

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## Software



**Uso Amigable: Claro y Sencillo, implementa funciones solo con unos cuantos clicks.**

**Funcionamiento de Pruebas: Monitorizadas en Tiempo Real, información interna de muestra y reactivo, corrida de pruebas y visualización en monitor de resultados.**

**Mantenimiento Diario: Calibración, Control de Calidad, ajuste de lámpara, posiciones mecánicas e inspección del sistema de agua.**



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## Monitoreo de :Muestras/Reactivos/Reacción/Urgencias

Version:2.1.0.1  
Current User:1000  
Time:2017-06-16 11:40

Offline

Sample Status Reagent Status Reaction Status

Program Input  
Item Setting  
Reagent  
Data Processing  
Maintenance  
User Setting  
Monitor  
Exit

Legend:  
Idle (White)  
Low Reagent (Orange)  
Full Reagent (Green)  
No reagent (Red)

ID:   
Program Name:   
Reagent Type:   
Reagent BoehringerSpec:   
Volume Left:   
Tests Left:

Detailed description: The diagram is a circular reagent tray layout with 56 numbered positions (1-56). A legend in the center identifies four status categories: Idle (white), Low Reagent (orange), Full Reagent (green), and No reagent (red). In the image, positions 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, and 56 are all marked as 'Full Reagent' (green). Position 25 is marked as 'No reagent' (red). All other positions are marked as 'Idle' (white).

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## Programación

Version:2.1.0.1  
Current User:1000  
Time:2017-06-16 11:39

Offline

SampleInput | Calibration&QC Input

Sample information

Sample No.:  Name:  Gender:  Age:

Postion No.:  Department:  Sample Type:  Doctor:

Bed No.:  Diagnose:  ID:

Emergency  Ret

Item List

- ALB
- ALP
- AST
- CHO
- CREA
- DBIL
- GLU
- HDL-C
- LDL-C
- TBIL
- TG
- UA

Test Item

Sample order

Add Edit

Save Delete

Input

Sample No.:   Repeatability

Quantity:  Postion No.:


Input Cancel Save




Program Input  
Item Setting  
Reagent  
Data Processing  
Maintenance  
User Setting  
Monitor  
Exit

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## Monitoreo de Resultados

Version:2.1.0.5A  
 Current User:1000  
 Time:6/17/2017 3:01 PM



Stand by

Print | Curves | QC Result Query | Export data | Data Maintenance | Test Results Correction

Program Input

Item Setting

Reagent

Data Processing

Maintenance

User Setting

Monitor

Exit

**Patient Information**

Name:  Gender:  Diagnosis:  Date:

Position No.:  Department:  Sample Type:  2017-06-13

Age:  Y  M  Bed No.:  Doctor:  ID:

Name	Result	Note	RefValue	Unit	Symbol
GLB	28.2		20--30	g/L	
ALB	48.0		35--55	g/L	
ALP	75		45--135	U/L	
AST	21.8		0--40	U/L	
GLU	5.00		3.89--6.4	mmol/L	
UREA	4.96		1.7--8.3		
TP	76.2		60--88	g/L	
ALT	18.8		0--31		
AA	1				

APTT

TT

HBsAg

HBsAb

HBcAg

Add Items Manually

Add automatic items

Add Calculated Items

Update Calculation

Add Profile Items

Current  Picture Mode

All  In Order

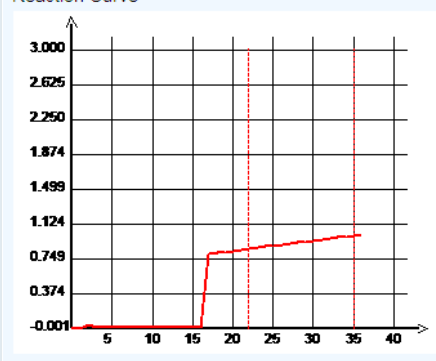
Range

Print    Serial port    IP/TCP

Sample No.

No.	Patient Name	Print status
1		unprint
2		unprint
3		unprint
4		unprint
5		unprint
6		unprint
7		unprint
8		unprint
9		unprint
10		unprint
11		unprint

Reaction Curve



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## Calibración y Control de Calidad

Version:2.1.0.1  
Current User:1000  
Time:2017-06-16 11:38

Offline

ItemPar | CalibrationPar | QC Parameter | Specific Item Parameters' Setting

Item List

- ALB
- ALP
- AST
- CHO
- CREA**
- DBIL
- GLU
- HDL-C
- LDL-C
- TBIL
- TG
- UA
- UREA
- TP
- GGT

Item Name: CREA 1

Calibrate Type: Two Point Lin Repeat Counts: serum

Standard Counts: 2 Sample Type: 12,880.28

CurTime 2016-09-13 16:20:40

Standard	Lot No.	Absorbance	Concentration	Cup No.
1		0.0006	0	1
2		0.0107	130	2

2016-09-13 16:05:53  
2016-09-13 16:20:40

1 0.0006 0 1

Edit Result  
Calibration Setting  
Save

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## Inspección de Posiciones Mecánicas

Version:2.1.0.5A  
Current User:1000  
Time:6/17/2017 3:00 PM

Stand by

Instrument check
Adjustment
Absorbency Test
Washing&&Background
Database Maintenance

**Reaction Tray**

Zero:  Target:  

**Sample Tray**

Zero:  Target:  

**Reagent Tray**

Zero:  Target:  

**Reagent&sample pump**

Zero:  Target:

**Sample Arm**

Zero:  Sample: 
Reagent inner ring:  Reagent outer ring: 
Reaction:  Vertical: 

**Mixing Arm**

Zero:  Reaction:  Vertical: 

**WaterPipe**

**Cleaning Arm**

Lift: 

**Reagent Liquid level**

Target:  
Result: 

**Sample Liquid level**

Target:  
Result:

**A/D Data**

 340nm  405nm  450nm  510nm 
 ΔOD  ΔOD  ΔOD  ΔOD 
 546nm  578nm  630nm  700nm 
water ▾ ΔOD  ΔOD  ΔOD  ΔOD

Program Input

Item Setting

Reagent

Data Processing

Maintenance







User Setting

Monitor

Exit

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## Inspección del Sistema de Agua

Stand by

Version:2.1.0.5A  
Current User:1000  
Time:6/17/2017 2:58 PM

Program Input

Item Setting

Reagent

Data Processing

Maintenance

User Setting

Monitor

Exit

Instrument check
Adjustment
Absorbency Test
Washing&&Background
Database Maintenance

Clean

Drain

Add Water

Cleaning Fluid

Stop

Allowable Error:

Read Blank

Save

Initial Blank:

Cup	340	405	450	510	546	578	630	700
1	55,983	56,203	55,558	55,749	55,624	55,535	55,127	54,589
2	55,979	56,135	55,477	55,720	55,481	55,372	54,917	54,395
3	55,870	56,137	55,529	55,752	55,618	55,497	55,092	54,534
4	55,422	55,638	55,027	55,282	55,081	54,993	54,571	54,045
5	55,866	56,147	55,496	55,807	55,532	55,459	55,017	54,494
6	54,818	55,374	54,781	55,106	54,989	54,933	54,556	54,078
7	55,959	56,166	55,471	55,729	55,450	55,369	54,915	54,393
8	56,156	56,174	55,455	55,616	55,425	55,309	54,898	54,315
9	56,187	56,309	55,666	55,937	55,712	55,587	55,110	54,650
10	56,348	56,365	55,749	55,963	55,760	55,651	55,199	54,649
11	54,963	55,272	54,519	54,903	54,570	54,582	54,101	53,707
12	56,290	56,366	55,794	56,015	55,793	55,678	55,250	54,700
13	56,195	56,251	55,523	55,729	55,436	55,305	54,865	54,310
14	56,216	56,350	55,693	55,931	55,684	55,589	55,168	54,640
15	54,215	54,678	54,177	54,516	54,418	54,342	54,024	53,577
16	55,861	56,022	55,374	55,603	55,389	55,259	54,828	54,364
17	54,371	54,690	54,156	54,542	54,489	54,469	54,131	53,716
18	54,193	54,558	54,080	54,471	54,406	54,373	54,091	53,674
19	55,998	56,163	55,533	55,759	55,586	55,480	55,098	54,528
20	56,116	56,303	55,636	55,936	55,575	55,478	54,996	54,474
21	55,599	55,642	54,999	55,308	55,104	55,046	54,633	54,136
22	55,714	55,761	55,127	55,380	55,242	55,140	54,783	54,250
23	55,319	55,396	54,863	55,149	55,073	54,993	54,635	54,204
24	55,043	55,245	54,640	54,981	54,801	54,792	54,385	53,932

Current Blank:

Cup	340	405	450	510	546	578	630	700
1	55,983	56,203	55,558	55,749	55,624	55,535	55,127	54,589
2	55,979	56,135	55,477	55,720	55,481	55,372	54,917	54,395
3	55,870	56,137	55,529	55,752	55,618	55,497	55,092	54,534
4	55,422	55,638	55,027	55,282	55,081	54,993	54,571	54,045
5	55,866	56,147	55,496	55,807	55,532	55,459	55,017	54,494
6	54,818	55,374	54,781	55,106	54,989	54,933	54,556	54,078
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8	56,156	56,174	55,455	55,616	55,425	55,309	54,898	54,315
9	56,187	56,309	55,666	55,937	55,712	55,587	55,110	54,650
10	56,348	56,365	55,749	55,963	55,760	55,651	55,199	54,649
11	54,963	55,272	54,519	54,903	54,570	54,582	54,101	53,707
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18	54,193	54,558	54,080	54,471	54,406	54,373	54,091	53,674
19	55,998	56,163	55,533	55,759	55,586	55,480	55,098	54,528
20	56,116	56,303	55,636	55,936	55,575	55,478	54,996	54,474
21	55,599	55,642	54,999	55,308	55,104	55,046	54,633	54,136
22	55,714	55,761	55,127	55,380	55,242	55,140	54,783	54,250
23	55,319	55,396	54,863	55,149	55,073	54,993	54,635	54,204
24	55,043	55,245	54,640	54,981	54,801	54,792	54,385	53,932

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## Manufactura de Equipos ONYX





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