

WONDFO BIOTECH  
We Are Working For Your **Health**



# ACCURE

EXCELLENT AS CLIA ● EASY AS POCT

TOTAL SOLUTION FOR AUTOMATIC CHEMILUMINESCENCE  
IMMUNOASSAY (CLIA)

Wondfo

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## About Tisenc

Founded in 2015, Tisenc Medical Device Co., Ltd., a Chinese chemiluminescence immunoassay (CLIA) enterprise, has been devoted to the R&D, manufacture and global distribution of fully-automatic CLIA analyzers and matching individual reagents. In 2016, Tisenc passed ISO13485 and was identified as one of Chinese national high-tech enterprises. Tisenc's CLIA products enjoy both the convenience of POCT devices and the satisfying features of CLIA. With innovative integration of both pros aforementioned, Tisenc's CLIA products can meet needs by various healthcare facilities worldwide for high-quality POCT products.

Since 2022, Tisenc's 100% stock rights and interests have been acquired by Wondfo Biotech Co., Ltd., a leader in POCT industry in China with cutting-edge techniques and products. After that, Tisenc is a wholly-owned subsidiary of Wondfo.

# ACCRES Family

## Accurate:

Nano magnetic particles chemiluminescence immunoassay (CLIA)

## Convenient:

Whole blood sample type supported, no centrifuge needed

## Consistent:

24 hours standby, 600 days mean time between failure (MTBF)

## Rapid:

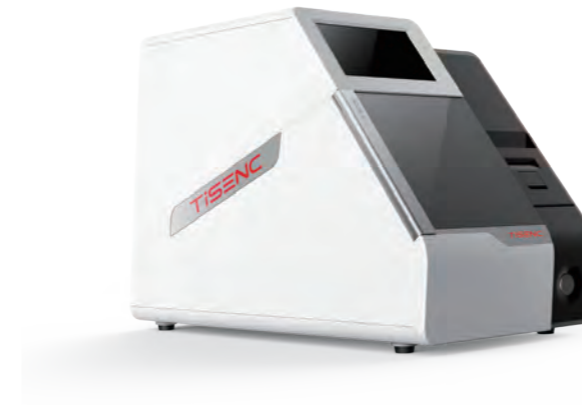
10 mins for the first result, 36-120 tests per hour

## Economical:

All-in-one design, no consumables and extra cost



# Accre 6



## SPACE-SAVING

- Mini size bench-top analyzer
- Only 35 kg of weight

## COST-EFFECTIVE

- Less than 50% cost of regular CLIA machine
- Zero cost for analyzer consumables

## SIMPLE OPERATION

- Master the whole workflow within 30 mins
- Only four steps to get the results

### System

Bench-top CLIA analyzer

### Methodology

Chemiluminescence Immunoassay (CLIA)

### Dimension

420mm\*321mm\*610mm

### Weight

35 kg

### Throughput

Up to 36 tests/hour

### Result

10 mins for the first result

### Mode

Batch mode

### Operation

7-inch touch screen, 24 hours standby

### Channel

6 channels

### Sample Type

Whole blood/Capillary blood/Serum/Plasma

### Maintenance

600 days MTBF,  
no consumable needed for maintenance

### Accessories

Built-in thermal printer and barcode scanner

### Data Connection

LIS/HIS connection RS232,  
USB, Internet connection

# Accre 8



## SPACE-SAVING

- Mini size bench-top analyzer
- Only 42 kg of weight

## EASE OF USE

- 15.6-inch touch screen
- Delicate ergonomic design

## COMPACT MACHINE DESIGN

- No liquid path inside
- Innovative integrated design of magnetic separation and pipetting system
- Simplified mechanical movement design

### System

Bench-top CLIA analyzer

### Methodology

Chemiluminescence Immunoassay (CLIA)

### Dimension

500 mm\*370 mm\*600 mm

### Weight

42 kg

### Throughput

Up to 36 tests/hour

### Result

10 mins for the first result

### Mode

Batch mode

### Operation

15.6-inch touch screen, 24 hours standby

### Channel

6 channels

### Sample Type

Whole blood/Capillary blood/Serum/Plasma

### Maintenance

600 days MTBF,  
no consumable needed for maintenance

### Accessories

Built-in thermal printer and barcode scanner

### Data Connection

LIS/HIS connection RS232,  
USB, Internet connection

# Accre 90



## FLEXIBILITY & EFFICIENCY

- STAT mode supported
- 2 independent modules with 16 channels totally
- 10 mins for the first result

## USER-FRIENDLY

- 15.6-inch touch screen
- Zero cost for analyzer consumables
- 600 days MTBF

## DELICATE MACHINE DESIGN

- Simultaneous processing of different parameters
- No liquid path inside, maintenance-free
- Simplified mechanical movement design

### System

Bench-top CLIA analyzer

### Methodology

Chemiluminescence Immunoassay (CLIA)

### Dimension

672 mm\*524 mm\*566 mm

### Weight

67 kg

### Throughput

Up to 96 tests/hour

### Result

10 mins for the first result

### Mode

Batch/STAT mode

### Operation

15.6-inch touch screen, 24 hours standby

### Channel

2 modules with 16 channels totally

### Sample Type

Whole blood/Capillary blood/Serum/Plasma

### Maintenance

600 days MTBF,  
no consumable needed for maintenance

### Accessories

Built-in thermal printer and barcode scanner

### Data Connection

LIS/HIS connection RS232,  
USB, Internet connection

# Accre 120



## FULLY AUTOMATIC USER EXPERIENCE

- Primary tube sampling
- Automated/Manual sampling modes supported

## FLEXIBILITY & EFFICIENCY

- Simultaneous processing of different parameters
- STAT mode supported
- Higher throughput

## BETTER USER EXPERIENCE

- Automatic barcode identification
- 600 days MTBF

### System

Bench-top CLIA analyzer

### Methodology

Chemiluminescence Immunoassay (CLIA)

### Dimension

570mm\*685mm\*740mm

### Weight

100 kg

### Throughput

Up to 120 tests/hour

### Result

10 mins for the first result

### Mode

Batch/STAT mode

### Operation

15.6-inch touch screen, 24 hours standby

### Channel

4 modules with 20 channels totally

### Sample Type

Whole blood/Capillary blood/Serum/Plasma

### Maintenance

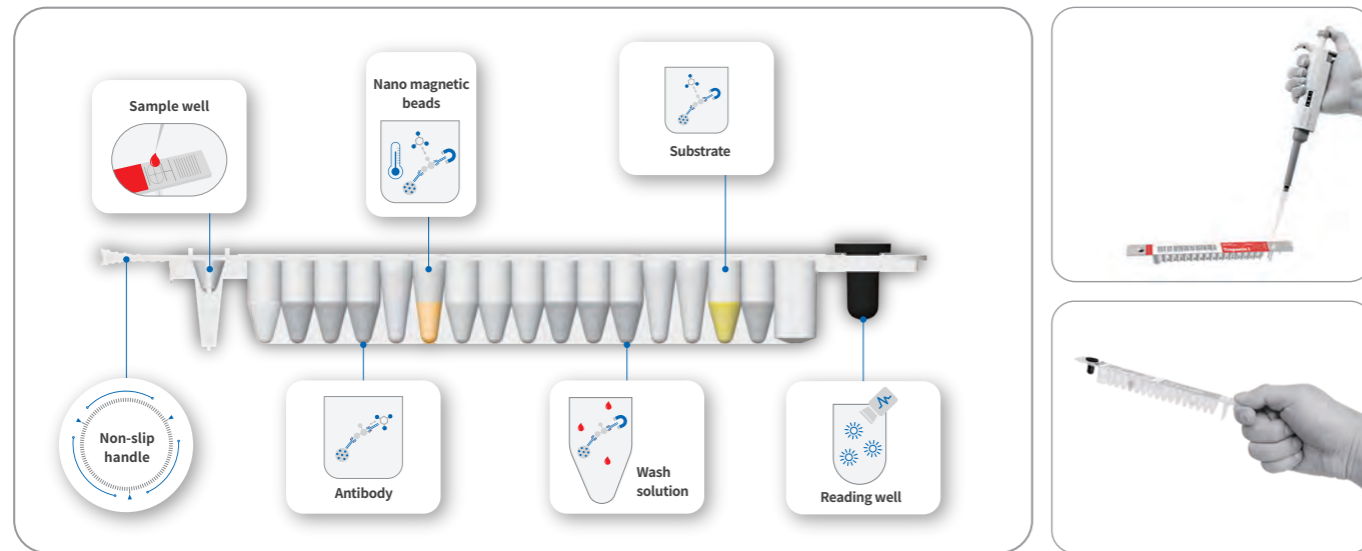
600 days MTBF,  
no consumable needed for maintenance

### Accessories

Built-in thermal printer and barcode scanner

### Data Connection

LIS/HIS connection RS232,  
USB, Internet connection



## EXCELLENT AS CLIA

- ALP-APS-5 chemiluminescence
- Excellent reagent performance
- Nano magnetic particles for separation
- Broad menu with featured items
- Reliable calibration and quality control system

## EASY AS POCT

- Single-dose cartridge, ready-to-use
- Avoid cross-contamination
- Short turnaround time (TAT)
- All-in-one design, no consumables and extra cost
- Built-in scanner reads reagent information automatically

## ASSAY PROCEDURE



### 1 Incubation

Precise temperature (37°C or 98.6°F) control



### 3 Reaction

ALP (alkaline phosphatase)-catalyzed CLIA reaction



### 2 Separation

Nano-size magnetic particles for complete separation



### 4 Reading

Ultra-sensitive PMT for signal capture

## TEST MENU

- Available
- In Development

### Tumor

- CEA
- AFP
- CA125
- tPSA
- CA15-3
- CA19-9
- fPSA
- PGI
- PGI2
- G-17
- ProGRP
- CA72-4
- S100β
- HE4
- CA50
- CA242
- CYFRA21-1

### Infectious Disease

- Dengue NS1 Ag
- Dengue IgG Ab
- Dengue IgM Ab
- HIV
- HBsAg
- Anti-HCV
- Anti-TP
- Anti-HBs
- HBeAg
- Anti-HBe
- Anti-HBc
- H.Pylori (HP)

### Inflammation

- PCT
- IL-6
- hs-CRP
- SAA

### Bone Metabolism

- 25-OH Vitamin D Total
- PTH

### Fertility

- AMH
- Progesterone
- Testosterone
- Prolactin
- LH
- E2
- FSH
- β-HCG
- Inhibin B
- fTesto
- DHEA-S

### Thyroid

- TSH
- T3
- T4
- fT3
- fT4
- Tg
- Anti-Tg
- Anti-TPO

### Thrombus

- D-dimer
- TM
- TAT
- FDP
- PIC
- t-PAIC

### Anemia

- VB12
- Folate
- Ferritin

### Autoimmune

- ANA
- Anti-CCP

### Cardiac

- cTnI
- hs cTnI
- CK-MB
- MYO
- BNP
- NT-proBNP
- H-FABP
- Lp-PLA2
- hs cTnT
- ST2
- MPO

### COVID-19

- SARS-CoV-2 RBD Ab
- SARS-CoV-2 RBD IgG
- SARS-CoV-2 nAb

### Allergy

- IgE

### TORCH

- Toxo IgG
- Toxo IgM
- Rubella IgG
- Rubella IgM
- CMV IgG
- CMV IgM
- HSV-1/2 IgG
- HSV-1/2 IgM

### Hypertension

- ACTH
- Cortisol
- Aldosterone
- Direct Renin



# ACCRE PRODUCT CATALOGUE NUMBER

Category	Parameter	Cat. No.		Specification			Qualification
		Tisenc	Wondfo	test/kit	CAL	QC	
Fertility	LH	W50A W50C	F50A F50C	60 36	√	×	CE, NMPA
		W42A W42C	F42A F42C	60 36	√	√	CE, NMPA
	FSH	W49A W49C	F49A F49C	80	√	×	CE, NMPA
		W41A W41C	F41A F41C	60 36	√	√	CE, NMPA
	PRL	W51A W51C	F51A F51C	60 36	√	×	CE, NMPA
		W43A W43C	F43A F43C	60 36	√	√	CE, NMPA
	AMH	W02A W02C	F02A F02C	60 36	√	×	CE, NMPA
		W117A W117C	F117A F117C	60 36	√	√	CE
	Progesterone	W52A W52C	F52A F52C	60 36	√	×	CE, NMPA
		W44A W44C	F44A F44C	60 36	√	√	CE, NMPA
	Testosterone	W53A W53C	F53A F53C	60 36	√	×	CE, NMPA
		W45A W45C	F45A F45C	60 36	√	√	CE, NMPA
E2	W48A W48C	F48A F48C	60 36	√	×	CE, NMPA	
	W40A W40C	F40A F40C	60 36	√	√	CE, NMPA	
β-HCG	W54A W54C	F54A F54C	60 36	√	×	CE, NMPA	
	W46A W46C	F46A F46C	60 36	√	√	CE, NMPA	
Thrombus	D-Dimer	W13A W13C	F13A F13C	60 36	√	×	CE, NMPA
		W128A W128C	F128A F128C	60 36	√	√	CE
Allergy	IgE	W140A W140C	F140A F140C	60 36	√	×	CE
		W107A W107C	F107A F107C	60 36	√	√	CE
		W101A W101C	F101A F101C	60 36	√	√	CE
COVID-19	SARS-CoV-2 NAb	W130A W130C	F130A F130C	60 36	√	×	CE
	nCoV RBD IgG	W108A W108C	F108A F108C	60 36	√	√	CE
		W129A W129C	F129A F129C	60 36	√	×	CE
	nCoV RBD Ab	W109A W109C	F109A F109C	60 36	√	√	CE
		AFP	W76A W76C	F76A F76C	60 36	√	×
	W60A W60C		F60A F60C	60 36	√	√	CE
Tumor Markers	CEA	W141A W141C	F141A F141C	60 36	√	×	CE
		W85A W85C	F85A F85C	60 36	√	√	CE
	CA125	W137A W137C	F137A F137C	60 36	√	×	CE
		W104A W104C	F104A F104C	60 36	√	√	CE
CA15-3	W139A W139C	F139A F139C	60 36	√	×	CE	
	W106A W106C	F106A F106C	60 36	√	√	CE	
CA19-9	W138A W138C	F138A F138C	60 36	√	×	CE	
	W105A W105C	F105A F105C	60 36	√	√	CE	
Bone Metabolism	25-OH VD	W01A W01C	F01A F01C	60 36	√	×	CE, NMPA
		W120A W120C	F120A F120C	60 36	√	√	CE

Inflammation	PCT	W04A W04C	F04A F04C	60 36	√	×	CE, NMPA
		W116A W116C	F116A F116C	60 36	√	√	CE
	IL-6	W142A W142C	F142A F142C	60 36	√	×	CE
		W90A W90C	F90A F90C	60 36	√	√	CE
Anemia	Ferritin	W62A W62C	F62A F62C	60 36	√	×	CE, NMPA
		W06A W06C	F06A F06C	60 36	√	√	CE, NMPA
	Folate	W03A W03C	F03A F03C	60 36	√	×	CE, NMPA
		W119A W119C	F119A F119C	60 36	√	√	CE
VB12	W05A W05C	F05A F05C	60 36	√	×	CE, NMPA	
	W118A W118C	F118A F118C	60 36	√	√	CE	
Infectious Disease	Den NS1 Ag	W133A W133C	F133A F133C	60 36	√	×	CE
		W115A W115C	F115A F115C	60 36	√	√	CE
	Den IgG	W132A W132C	F132A F132C	60 36	√	×	CE
		W114A W114C	F114A F114C	60 36	√	√	CE
	Den IgM	W131A W131C	F131A F131C	60 36	√	×	CE
		W113A W113C	F113A F113C	60 36	√	√	CE
Cardiology	hs-cTnl	W15A W15C	F15A F15C	60 36	√	×	CE, NMPA
		W122A W122C	F122A F122C	60 36	√	√	CE
	cTnl	W12A W12C	F12A F12C	60 36	√	×	CE, NMPA
		W121A W121C	F121A F121C	60 36	√	√	CE
	BNP	W10A W10C	F10A F10C	60 36	√	×	CE, NMPA
		W125A W125C	F125A F125C	60 36	√	√	CE
	NT-proBNP	W17A W17C	F17A F17C	60 36	√	×	CE, NMPA
		W126A W126C	F126A F126C	60 36	√	√	CE
	CK-MB	W11A W11C	F11A F11C	60 36	√	×	CE, NMPA
		W124A W124C	F124A F124C	60 36	√	√	CE
	MYO	W16A W16C	F16A F16C	60 36	√	×	CE, NMPA
		W123A W123C	F123A F123C	60 36	√	√	CE
H-FABP	W14A W14C	F14A F14C	60 36	√	×	CE, NMPA	
	W127A W127C	F127A F127C	60 36	√	√	CE	
Lp-PLA2	W143A W143C	F143A F143C	60 36	√	×	CE	
	W88A W88C	F88A F88C	60 36	√	√	CE	
Thyroid	TSH	W35A W35C	F35A F35C	60 36	√	×	CE, NMPA
		W30A W30C	F30A F30C	60 36	√	√	CE, NMPA
	FT3	W38A W38C	F38A F38C	60 36	√	×	CE, NMPA
		W33A W33C	F33A F33C	60 36	√	√	CE, NMPA
	FT4	W39A W39C	F39A F39C	60 36	√	×	CE, NMPA
		W34A W34C	F34A F34C	60 36	√	√	CE, NMPA
	TT3	W36A W36C	F36A F36C	60 36	√	×	CE, NMPA
		W31A W31C	F31A F31C	60 36	√	√	CE, NMPA
	TT4	W37A W37C	F37A F37C	60 36	√	×	CE, NMPA
		W32A W32C	F32A F32C	60 36	√	√	CE, NMPA