

CREATE A RENOWNED  
WORLD BRAND OF ULTRASOUND  
**打造** 世界一流的超声品牌

采用国际最新技术  
International Cutting Edge Technology

符合EN12668-1标准  
EN12668-1 Standard Compliance

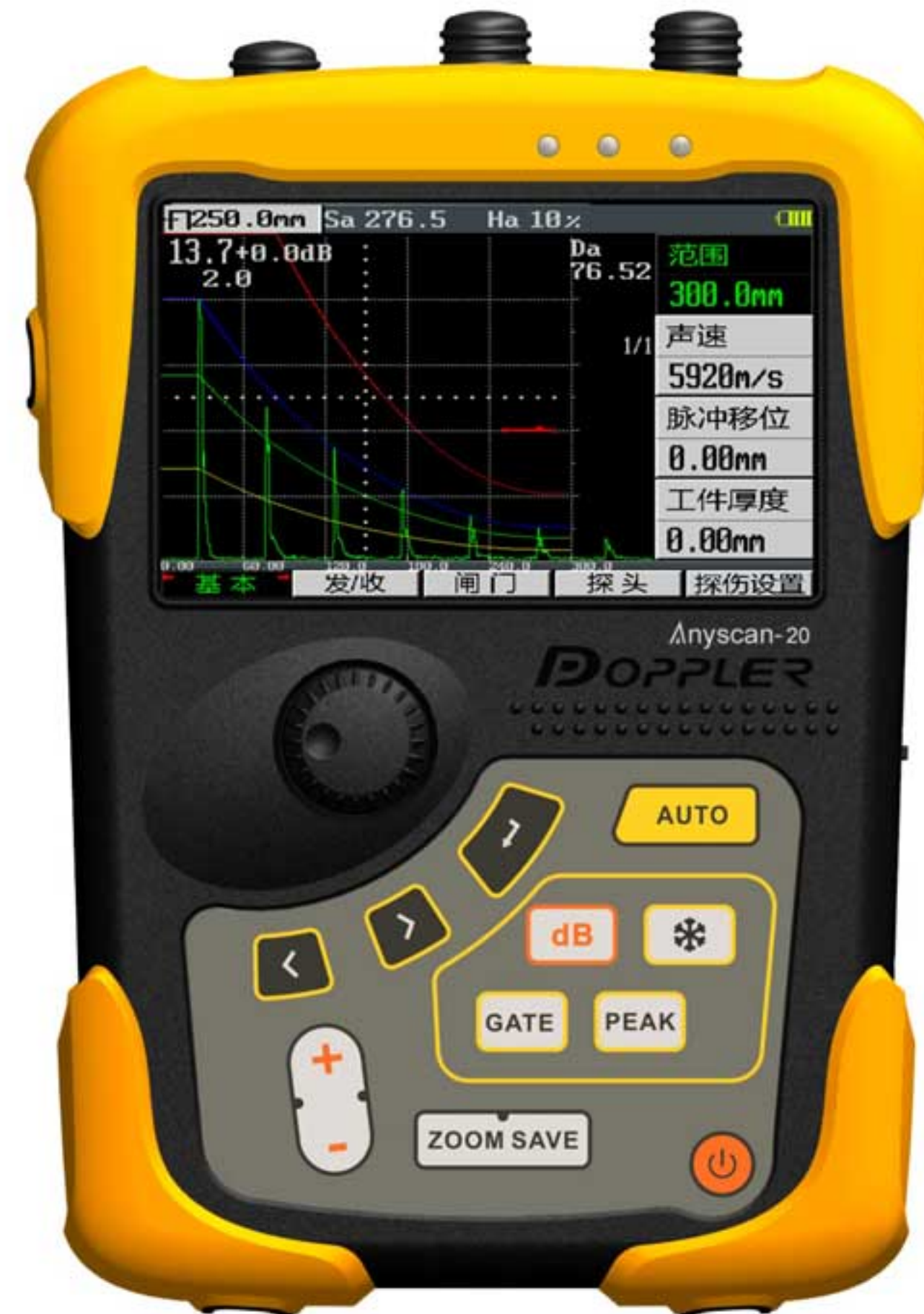
多项指标全球领先  
Application for Leading Technical Features

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# Anyscan-20/26

## 数字超声探伤仪

### Ultrasonic Flaw Detector

- 良好的屏蔽设计, 抗干扰能力强  
Excellent EMI design, good EMC performance
- 简洁的按键和菜单设置, 操作方便  
Intelligible setting of keys and menu, easy to operate
- 领先的技术指标, 丰富实用的辅助功能  
Leading technical target, abundant applied assistant function
- 宽频低噪声放大电路, 可匹配低频和高频探头  
Broad band amplifying circuit with low noise, selectable damping, excellent matching with low or high frequency probe
- 400MHz实时硬件采样率, 回波脉冲更逼真可靠  
400 MHz real-time hardware sampling, high-fidelity echo pulse

**广州多浦乐电子科技有限公司**  
Doppler Electronic Technologies Co., Ltd



Anyscan-20型和26型数字超声探伤仪是多浦乐奉献给世界的又一系列精品，不但外观简洁实用，操作方便快捷，而且秉承了多浦乐产品性能卓越、业界领先的理念，综合性能、指标在同类产品中具有较大优势，而丰富实用的辅助功能也让用户使用起来得心应手，工作效率倍增。

Anyscan-20/26 are the choicest goods that DOPPLER devotes to ultrasonic inspection industry, they not only own concise and practical appearance, easy to operate, but also realizes our lofty pursuance of taking a lead in product performance in NDT industry, their comprehensive performance and technical target take more advantages than similar products, abundant applied assistant function provides more convenience for operator's use and working efficiency.

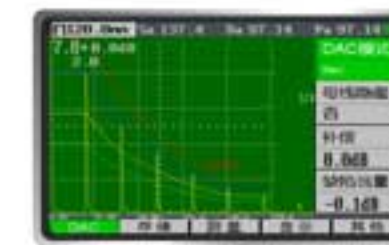
## Performance 基本性能指标

## Characteristic Function 特点及功能

项目内容	性能指标	ITEM	PARAMETER
水平线性误差:	≤ 0.1%	Linearity error of time-base:	≤ 0.1%
垂直线性误差:	≤ 3%	Linearity error of vertical:	≤ 3%
灵敏度余量:	≥ 60dB	Surplus sensitivity:	≥ 60dB
动态范围:	≥ 40dB	Dynamic range:	≥ 40dB
远场分辨率:	≥ 30dB	Far field resolution:	≥ 30dB
工作方式:	单探头或双探头	Operating method:	Single element, Double element
发射脉冲:	20型: 400V负尖脉冲 26型: 方波	Transmitter pulse:	A20: negative spike wave A26: square wave
工作频率范围:	1~18MHz, 频率分段可选, 匹配探头更具针对性	Working frequency range:	1~18MHz, frequency optional, excellent matching with probes
重复频率:	40/250/1000Hz可选	Pulse repetition frequency:	40/250/1000Hz
采样频率:	硬件实时采样频率400MHz	Sampling frequency:	400MHz hardware real-time sampling
检测范围:	0.5~5000mm (钢纵波), 连续可调, 可以切换步进	Detection range:	0.5~5000mm (steel longitudina wave), adjustable continuously, switchable steps
声速范围:	1000~15000m/s, 连续可调, 可以切换步进	Sound velocity range:	1000~15000m/s, adjustable continuously, switchable steps
扫描延时:	-10~2000mm, 连续可调, 可以切换步进	Scan delay:	-10~2000mm, adjustable continuously, switchable steps
探头延时:	0.00~199.9 μs	Probe delay:	0.00~199.9 μs
阻尼:	低、高	Damping:	Low, High
菜单语言:	简体中文/英文	Menu language:	English/Chinese
增益调节:	0~110 dB, 分0.0/0.1/0.5/1.0/2.0/6.0 dB六档步进调节	Gain adjust:	0~110dB, 0/0.1/0.5/1.0/2.0/6.0dB step adjustment
检波方式:	正向、负向、双向、射频	Rectification:	Positive, Negative, Full wave, RF
显示屏幕:	RF5.0" 高亮度TFT彩色液晶屏, 800 x 480像素	LCD display:	5.0" high brightness TFT LCD, 800 x 480 pixels
测量模式:	前沿或峰值	Measurement mode:	Flank or peak
参数存储:	可存储仪器常用探伤参数或存储检测结果数据	Parameter storage:	Store common-use detection parameters and test result data
报警:	硬件报警, 声、光两种方式, 可设置进波、失波、DAC报警模式	Alarm:	Hardware alarm, sound and light two methods, alarm models including positive mode, negative mode and DAC mode
通讯接口:	USB接口	Communication Interface:	USB
工作温度:	-10~+50°C	Operating temperature range:	-10~+50°C
电池规格:	锂电池, 可持续供电6小时以上	Battery specification:	Lithium battery, continuance supply power for more than 6 hours
供电电源:	AC: 100~240V; DC: 15V~4A	Power supply:	AC: 100~240V; DC: 15V~4A
整机重量:	约1.0KG (含电池)	Complete appliance weight:	1.0KG (including battery)
防护级别:	IP54	Protection level:	IP54



焊缝检测图形示意功能  
Weld graph illustrative



DAC曲线功能  
DAC curves function



射频检波功能  
RF display function



包络功能  
Envelop function



质量稳定 经久耐用  
Steady Quality Long Service Life

- **DAC曲线功能:** 最多可用10点法制作DAC曲线, 评定线、定量线、判废线自动生成。  
DAC function: Use at most 10 points to make DAC curve, Auto-generated evaluation line, sizing line, rejection line.
- **曲面修正功能:** 自动校正弧面探测结果。  
Curve surface amend function: Auto-amend test result of arc surface workpiece.
- **峰值记忆功能:** 帮助记录最高回波。  
Peak holding: Help record peak echo.
- **包络功能:** 记录回波波峰的变化轨迹。  
Envelope function: Record the profile of the echo peak track.
- **自动波幅功能:** 回波高度自行选定后可实现快捷调节。  
Auto gain function: Auto set the amplitude of selected echo to the desired value.
- **焊缝检测图形示意功能:** 直观的图形显示, 缺陷位置一目了然。  
Illustrated function for the weld test: Direct display of weld graphics, easy and clear to see the flaw position.
- **智能化的设备校准程序:** 包括快速校准材料声速、探头延时、探头K值。  
Intellectual procedure for instrument calibration: Include fast calibration of material velocity, probe delay, probe angle.
- **快捷通道设置和数据存储:** 可设置并存储30组探伤参数和470组数据结果, 存储、调用操作快捷简便。  
Easy access to channel setting and data saving: Easy to save and recall 30 groups of detection parameters and 470 groups of data results.
- **波形显示区域缩放功能:** 波形显示区域可缩可放, 利用屏幕更充分。  
Zoom function: Zoom in/out the wave display zone, take full use of the screen.
- **闸门区域放大功能:** 把闸门区域放大到整个波形显示区进行显示, 方便观察波形细节。  
Gate magnify function: Zoom in the gate zone to the whole wave display zone, easy to observe the wave details.
- **方波发射功能:** A26采用400V负方波发射, 前沿下降时间约5ns, 脉宽调节范围30~500ns。  
Square wave emitting function (A26): 400V negative square wave emitting, frontier descending time is about 5ns, pulse width range is 30~500ns.
- **降噪功能:** 在现场噪声干扰严重, 仪器屏幕出现幅度较高的尖峰脉冲影响缺陷判断时, 使用降噪功能可使干扰减弱或消失, 对回波显示的影响甚微。  
Noise immersion function: When the site noise interference is serious, the defect judgement is affected by high amplitude spike echo, use this function to weaken it.
- **快捷功能键:** 在仪器面板上设有快捷功能键, 有“自动波幅”、“峰值记忆”、“闸门”、“增益调节”、“屏幕缩放”等, 使用非常方便。  
Hot keys: The instrument panel is provided with hot keys, like "AUTO", "PEAK", "GATE", "dB", "ZOOM", etc., convenient to use.
- **多功能旋转飞梭键:** 飞梭可旋转、可按压, 快速实现菜单选择切换与数值增减调节, 真正实现单手一键式快速操作。  
Shuttle key: It has two operation modes: rotating and pressing, can quickly realizes menu selection and value increase or decrease adjustment.