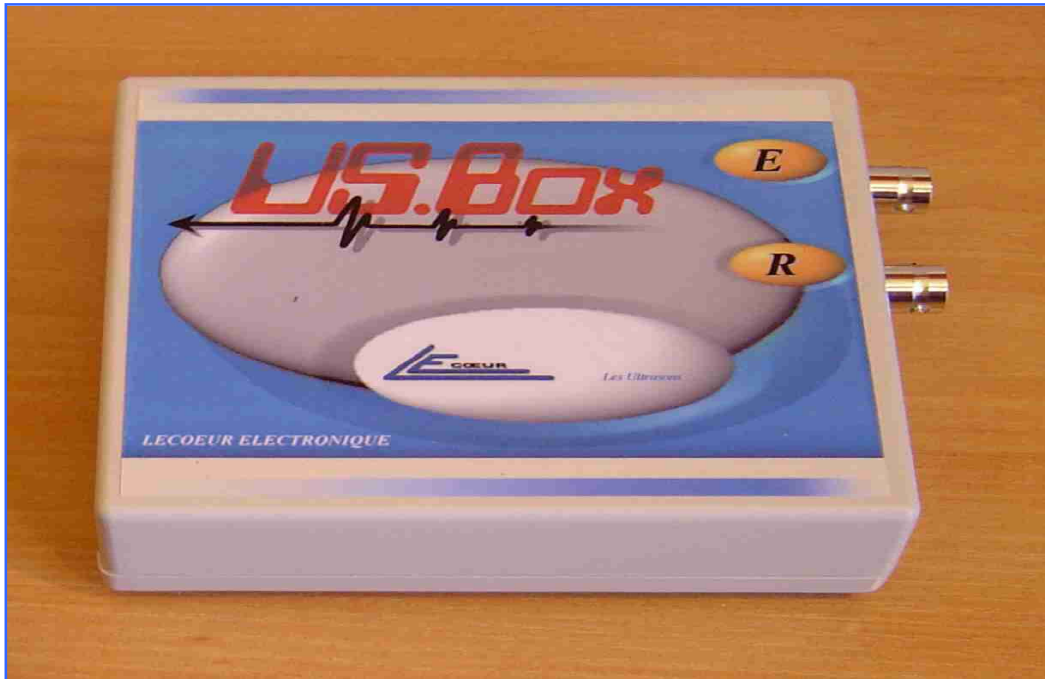


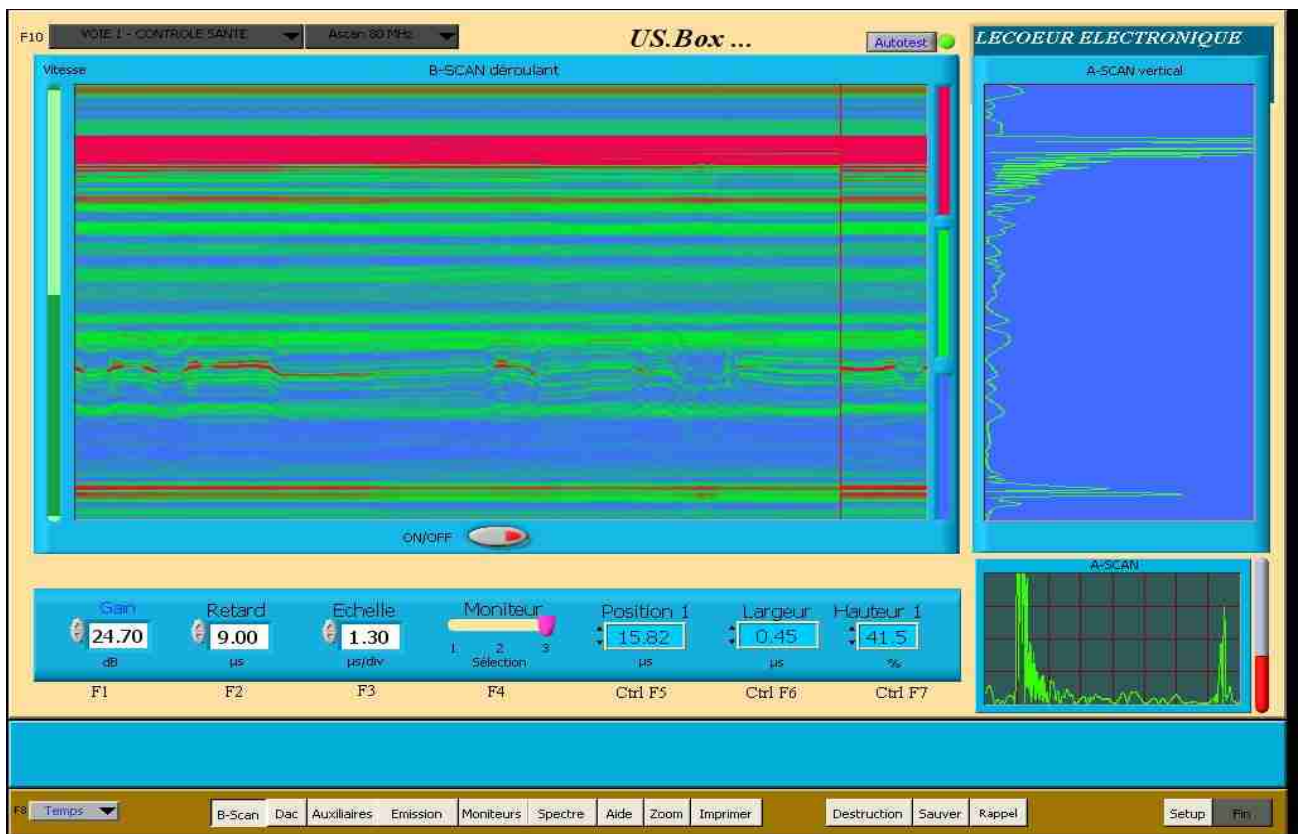
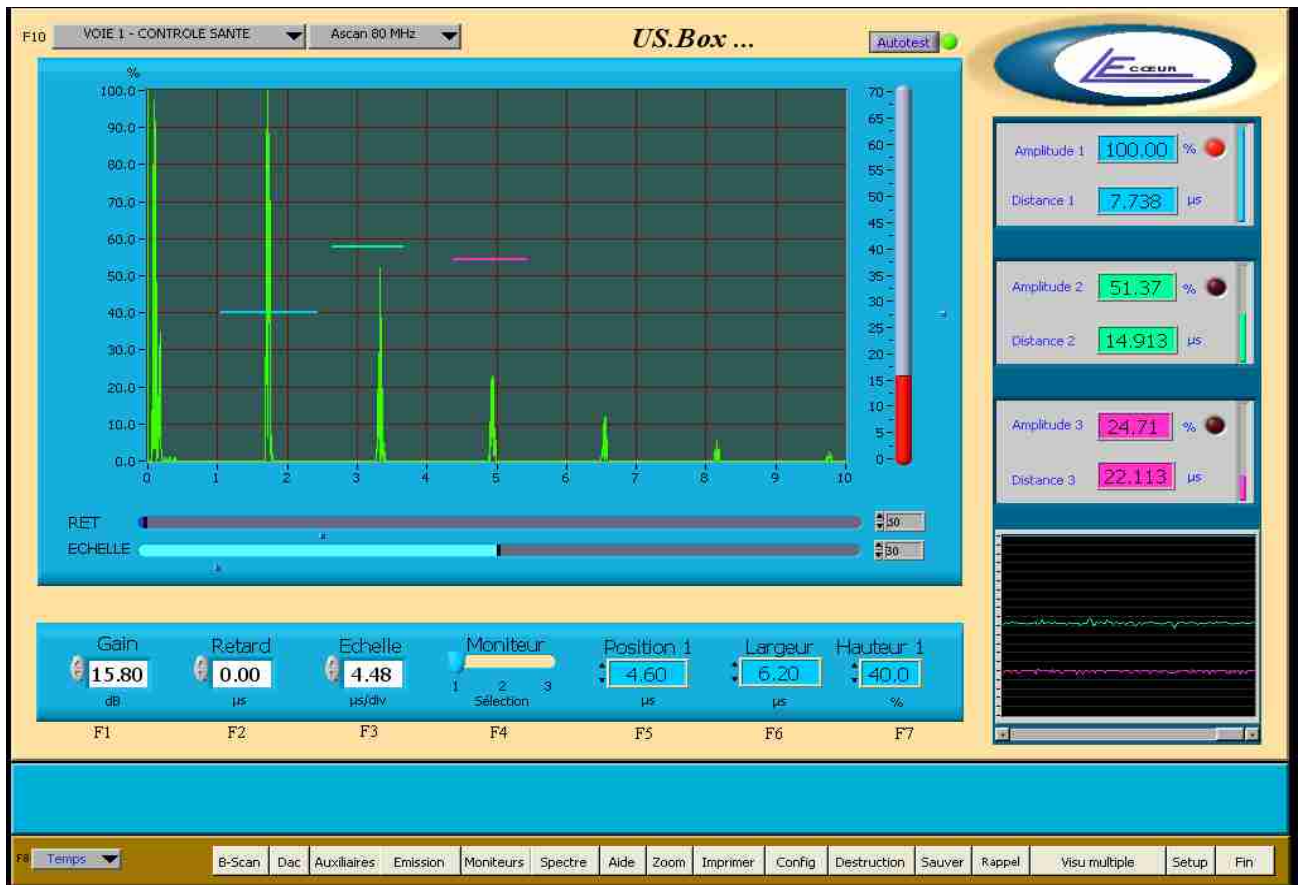
US.Box

Ultrasonic testing system with USB interface



US.Box Main features

- Interface USB 2.0 at speed up to 480 Mbps.
- Only one cable USB link, no power supply needed.
- Transmitter : 230 Volts (1 volts step), square pulse, width adjustable from 25 nS to 2 μ S, Wave train option
- PRF : 100 Hz to 20 KHz.
- Receiver : Gain 100 dB (0.1 dB step), DAC curve 80 dB, Filters 1 Mhz to 10 Mhz and one broadband, reflexion / transmission mode, Bandwidth 0.5 Mhz to 25 Mhz.
- Analog to digital converter 12 Bits 160 Mhz.
- Size : 120 x 100x 30 mm / Weight : 244 g
- Compatible with Windows* 98 / NT / XP / Win 2003.
- Delivered ready to use, with graphic interface, user's guide, manuals, installation disk and USB Key.



Graphic interface (English/French)

Packaging



Installation
CD Rom

USB 2.0
câble

Installation
disk on Key

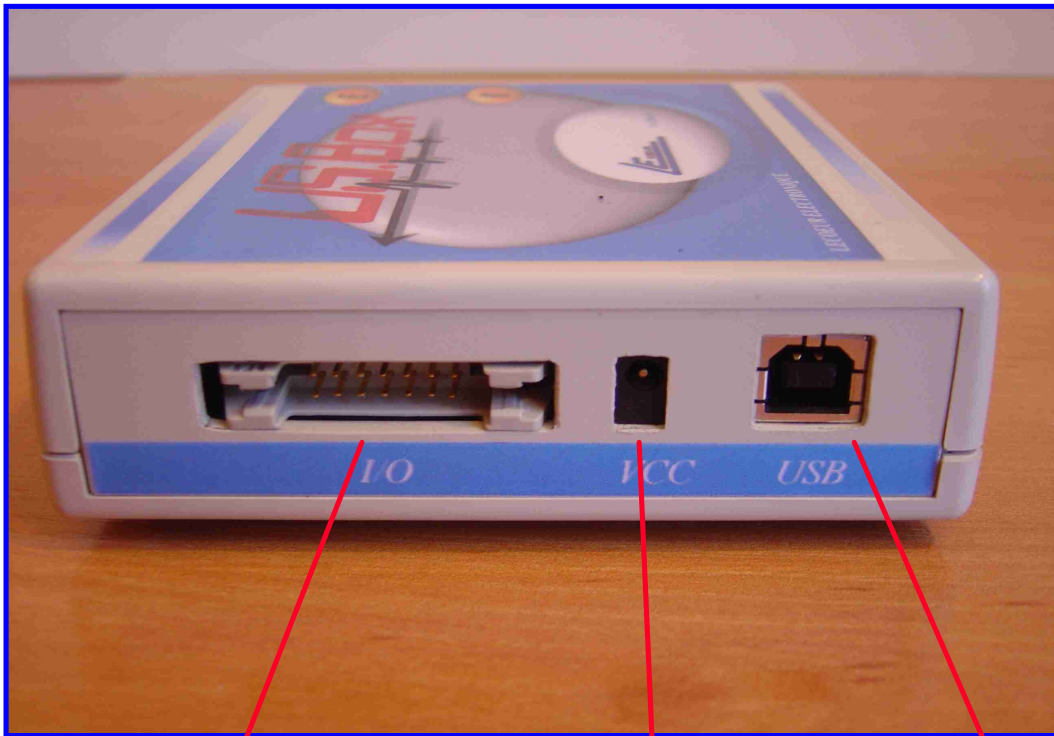
US BOX

Completely Plug and Play

Real USB 2.0 full speed compatible

High ultrasonic performances

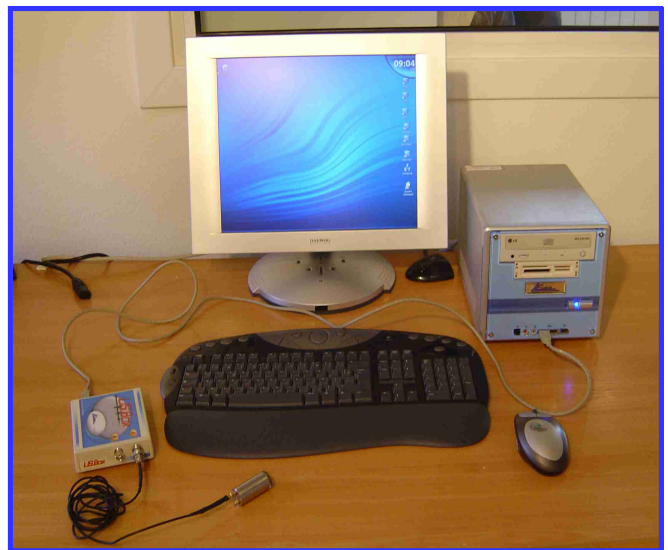
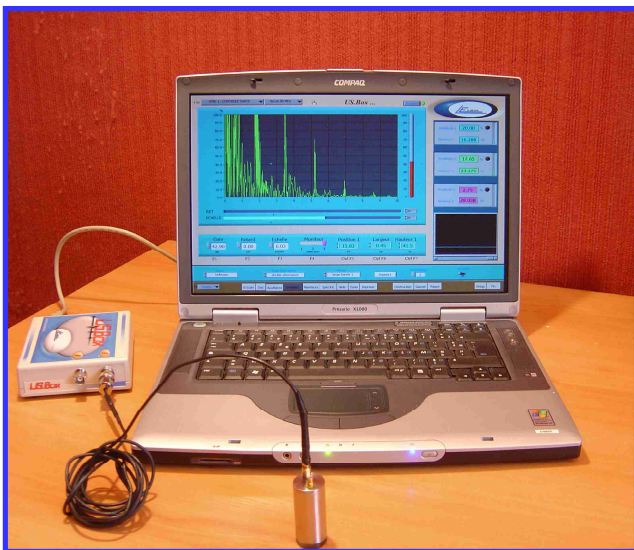
Inputs/Outputs



I/O
3 analog outputs
6 Digital outputs
2 encoders inputs

Optional 5Volts
input /output

USB 2.0 input



Examples of applications

Options

30 Mhz Bandwidth (-3 dB) _____

Thickness measurement (1 micron steel OL) —

**Wave train pulser (400 Volts amplitude /
User programmable shape)** _____

C-Scan (2 axes, 2 phases encoders) _____

Math ,filters and signal processing tool box —

Miscellaneous

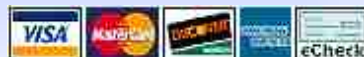
**DLLs for user development (C, C++, Labview*, Matlab*,
Visual basic*, Delphi*, Visual C)**

Hot line on internet : US-BOX@lecoeur-ndt.com

SALES (prices and Avail.): SALES-US-BOX@lecoeur-ndt.com

1 week delivery time (Europe, USA, Japan)

Credit cards accepted :



**And Free ! Lecoeur Electronique company gives you
the best of technology in ultrasonic techniques**

* TM