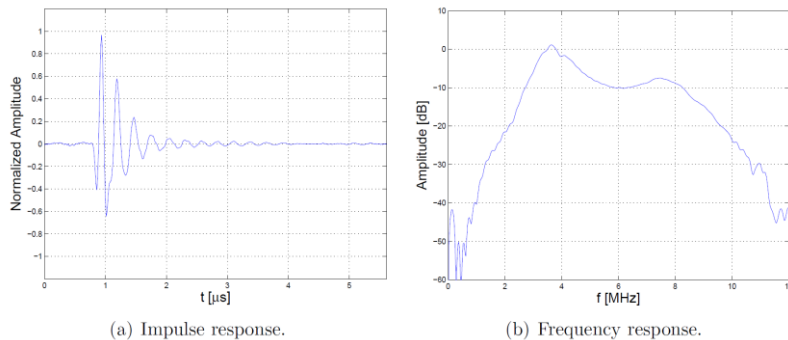


## Dolphicam Research

Dolphicam Research™ gives scientists access to advanced camera features as such as controlling pulse shapes and access to raw data sets for further analysis.

### THE DOLPHICAM SYSTEM

Dolphicam is a mobile and ergonomic ultrasound camera system designed for NDT inspection of CFRP (Carbon Fiber Reinforced Plastics), creating high-resolution 2D and 3D images of suspected damage areas. The camera supports A-, B- and C-scan images, supporting both Amplitude and Time-of-Flight.



### MATRIX TRANSDUCER WITH DRY COUPLING

Unlike Phased Array systems, our matrix transducer gives simple, high-resolution images without moving the transducer, or using an encoder. The silicone-based transducer pad allows dry coupling on painted or shiny surfaces, and water or contact gel can be used on rougher surfaces.

### RESEARCH FEATURES FOR THE SCIENTIST

Dolphicam Research™ supports all the features of Dolphicam Expert. In addition:

- User defined pulses
- Save raw data, unfiltered
- Save raw data, filtered
- Sample Matlab script for reading rawdata

### DOLPHICAM VARIANTS

- DC CF08 Research, for CFRP up to 8 mm thick
- DC CF16 Research, for CFRP up to 16 mm thick

## Features

- High resolution images
- Dry and wet coupling
- 2D and 3D images
- A-, B-, and C-scans
- Amplitude & Time of Flight
- Manual Stitching function
- User defined pulses
- Raw data access

## Requirements

- Microsoft Windows 8 or 10
- i3 dual core processor or equivalent
- 4Gb Ram
- 800×600 pixels screen resolution

