

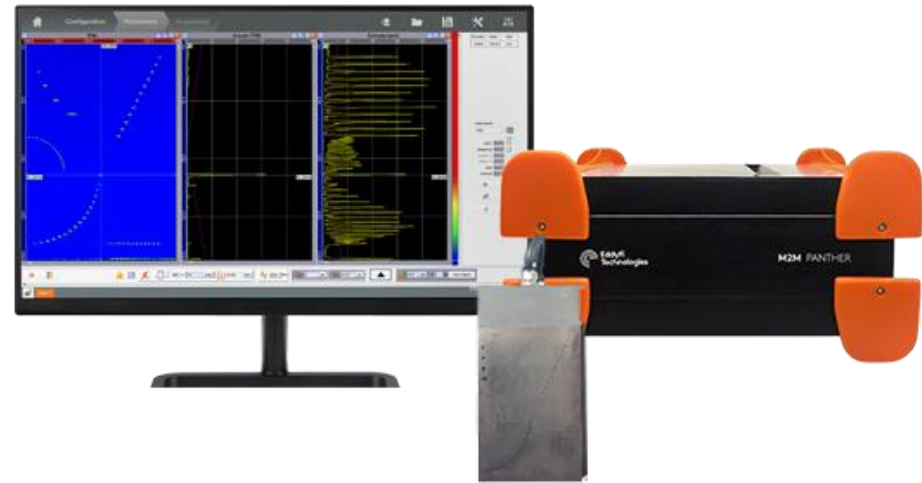
OVERVIEW

- PANTHER OVERVIEW
- PANTHER MODELS
- THE ACQUIRE SOFTWARE
- DEMO OF ACQUIRE AND COMPARISON BETWEEN PAUT, TFM & PWI ON A 19675 CALIBRATION BLOCK



OVERVIEW of the PANTHER

- ▶ The fastest and most powerful TFM system of the market (thanks to the 320 MB/s data throughput and optimized GPU processing). Super high resolution TFM imaging (+1.5 Million pixels) or super fast TFM speed (500fps) depending on the application
- ▶ The Panther system is designed to also manage super high speed and advanced industrial mode (up to 8 parallel Ascan evaluations per system and per cycle)
- ▶ Panther is extremely flexible and multi purpose system thanks to the advanced Acquire software and the scalability of the units (up to 16 systems)

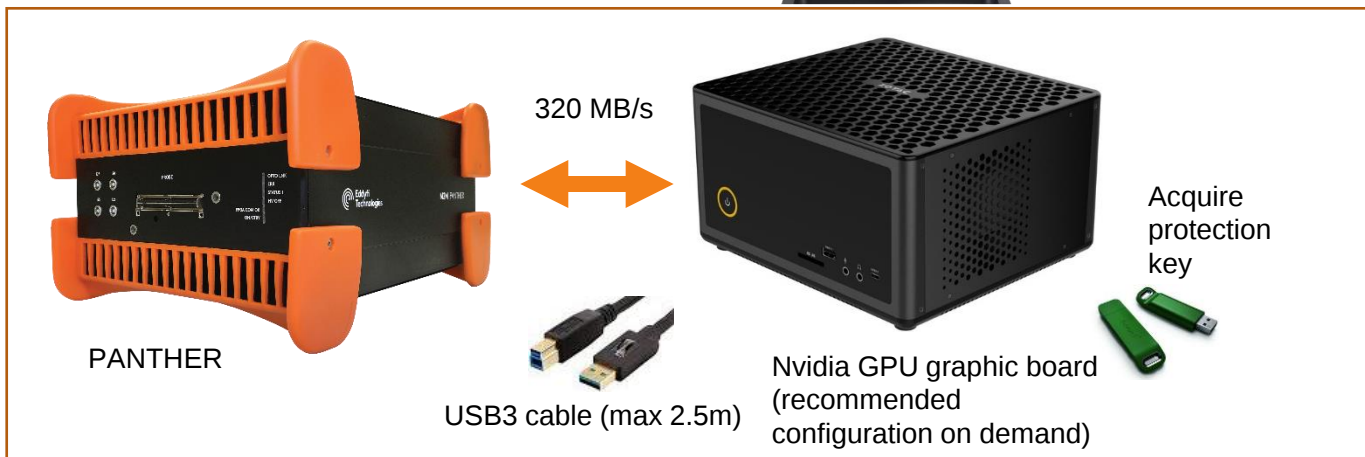
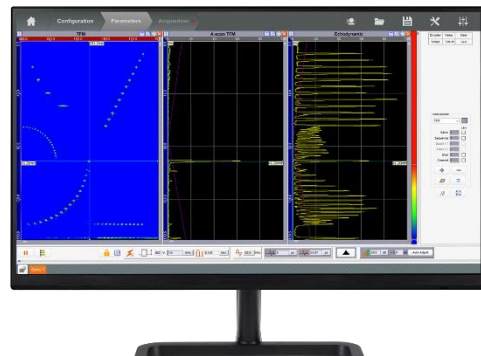
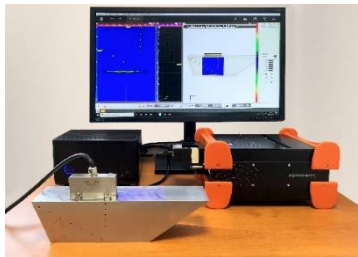


OVERVIEW

CUSTOMER BENEFITS:

- TEST the most advanced Phased array or TFM method (FMC/PWI) before industrial deployment on the same platform
- PANTHER system and the ACQUIRE SOFTWARE represent the ultimate combination for the most demanding industrial high-speed applications
- INVEST for the future : panther units are stackable for further upgrade

SYSTEM OVERVIEW



THE PANTHER CONFIGURATIONS

32:128, 64:64, 64:128 AND 128:128 MODELS : ONE BOX – AVAILABLE NOW – ALL MODELS HAVE TFM OR NOT OPTION



PANTHER 128

64:256, 256:256 AND MORE : STACKABLE UP TO 16 SYSTEMS (2048 CHANNELS) – 256 SYSTEM ALREADY AVAILABLE



PANTHER 256

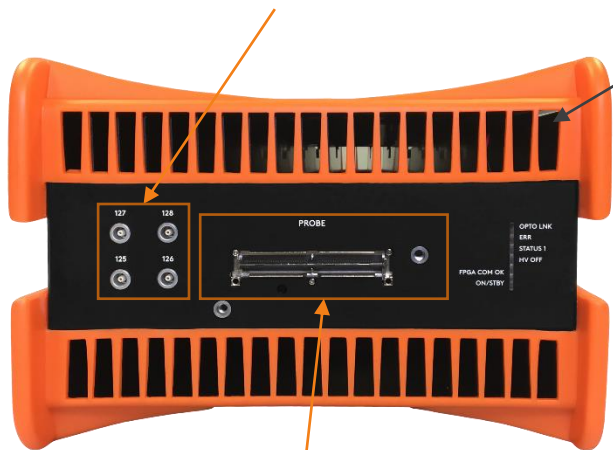
THE PANTHER 128 UNIT

4 conventional probe Lemo connectors

No air intake
Ventilation

Multi-unit communication

On-Off switch
and power
supply
connector



IPEX Probe Connector



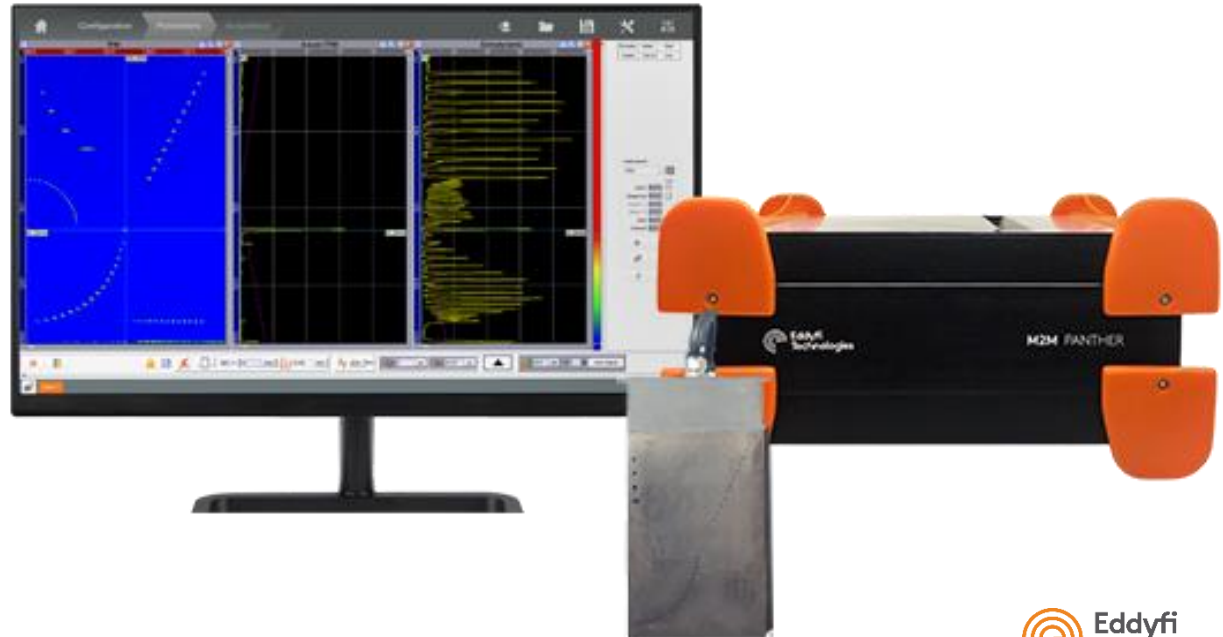
USB3.0 ultrafast data transfer

Encoder molex connector

ACQUIRE SOFTWARE

ACQUIRE IS PANTHER'S ADVANCED OPERATING SOFTWARE:

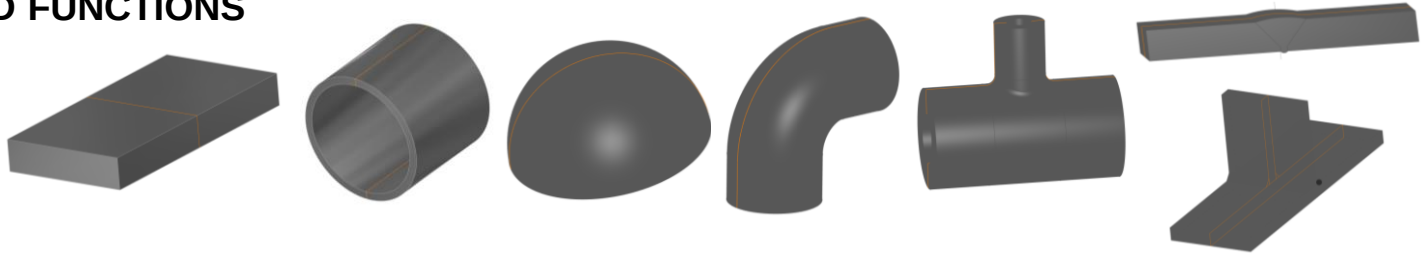
Acquire is the PANTHER acquisition software dedicated to advanced Phased-Array UT, TFM settings and acquisition.



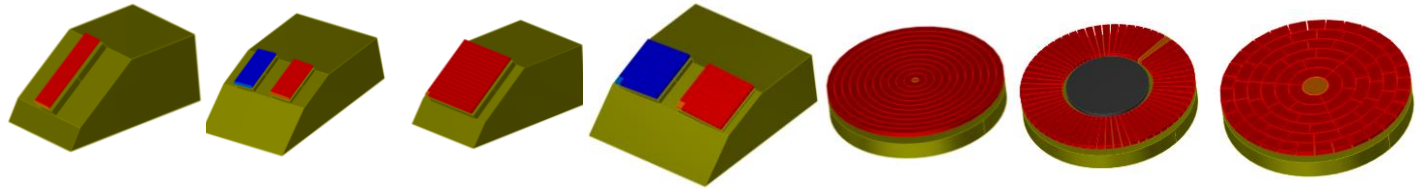
ACQUIRE SOFTWARE

ACQUIRE ADVANCED FUNCTIONS

Geometries



Probes



Inspections

PE, TOFD, PAUT, Tandem, Pitch-catch, FMC/TFM, PWI/TFM

Imaging system

A,B, C, D-scans, 3D views, TFM views

ACQUIRE SOFTWARE

COMPATIBILITY & ACQUIRE SDK

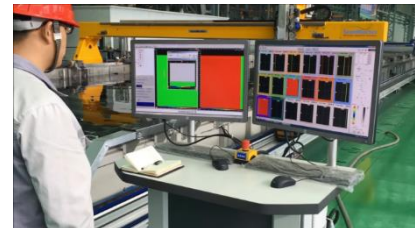
COMPATIBILITY

ACQUIRE inspection data files are fully compatible with ENLIGHT (M2M), CIVA ANALYSIS (M2M) and ULTIS (AIRBUS) analysis software. Full Matrix Capture data can be save within ACQUIRE at a 320 MB/s rate then post-processed in CIVA analysis



SDK (SOFTWARE DEVELOPMENT KIT)

Acquire software can be driven by an extensive SDK allowing for fast, advanced and custom industrial configurations for integrators. The SDK is fully available



ACQUIRE DEMO

ON A ISO 19675 CALIBRATION BLOCK

- FMC/TFM

- PWI/TFM

- PAUT SECTOR SCAN FOCUSED

COMPARISON BETWEEN THE 3 METHODS