ChromPix2®

GC Modularity Reinvented

Modular Multi-Gas Analyzer for industrial and laboratory use.

Based on APIX Analytics patented miniatiurization technology, Chrompix2® is the first truly Plug&Play GC.
It now features unmatched flexibility with up to 4 different analytical columns, up to 4 different carrier gases and the ability to analyse simultaneously 4 different samples.

THE FIRST TRULY PLUG AND PLAY GC

- Electronic and Fluidic Plug and Play
- Up to 4 samples
- Up to 4 carrier gases
- Up to 4 Analytical Columns

BENEFITS OF USING OUR ANALYTICAL MODULES

FLEXIBILITY
1 heated sample line
1 to 4 simultaneous samples
1 to 4 carrier gases

RELIABILITY
Guard column with backflush
Best in class TCD Detector

SPEED
Separation of complex gas mixtures in less than 1 minute
Fast cycle time with isothermal operation

REDUCED COST
Easy Maintenance : add or replace a module within a minute
No need service from a GC expert
Extremely low gas consumption

APPLICATIONS

REFINERY GASES
Fuel gas composition
Flare gas monitoring
CO_2 emission

BIOMETHANE
Methanisation process
Energy content
Injection to the distribution grid
Odorization control
Control of impurities (sulfur coumpounds)

NATURAL GAS
Quality
Energy content
Custody transfer
Odorization control

INDUSTRIAL EMISSIONS AND VOCS
Outdoor air quality
Indoor air quality
VOCS
BTEX

INDUSTRIAL AND SPECIALTY GASES
Purity
Quality

A PIX
ANALYTICS

contact@apixanalytics.com

CHARACTERISTICS

> Dimensions : 450x460x220mm (19' 4U)
> Weight : 10kg
> Input : 100-240V AC, 50-60 Hz

> Power : 150W depending on configuration
> Carrier gas consumption : up to 20mL/min per module
> Sample gas consumption : up to 5mL/min per module

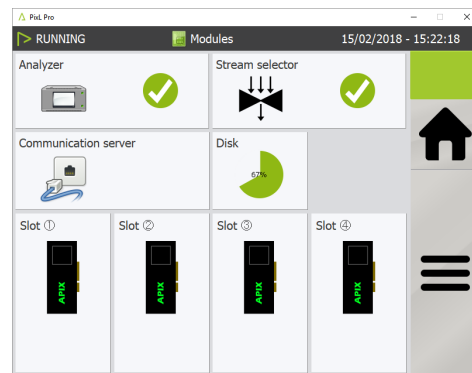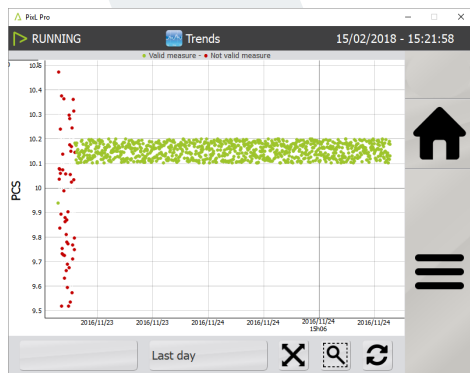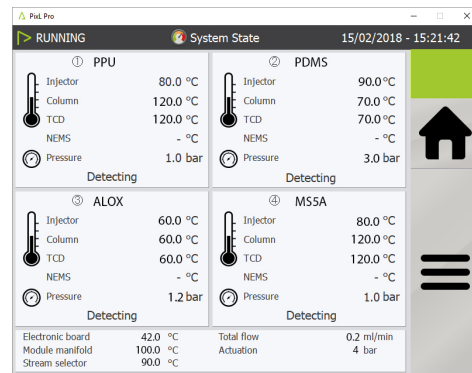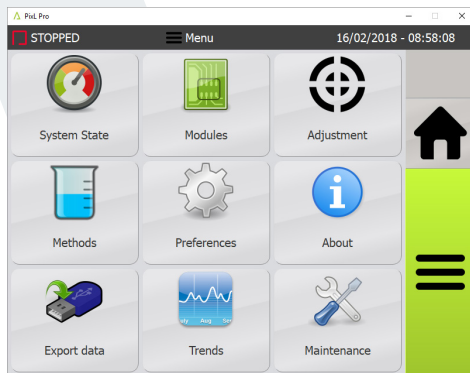> Up to 4 carrier gases (He, H2, N2, Ar...)
> Carrier gas pressure : 4 bar
> Sample Gas pressure : 0.3 bar

> Up to 4 analytical modules
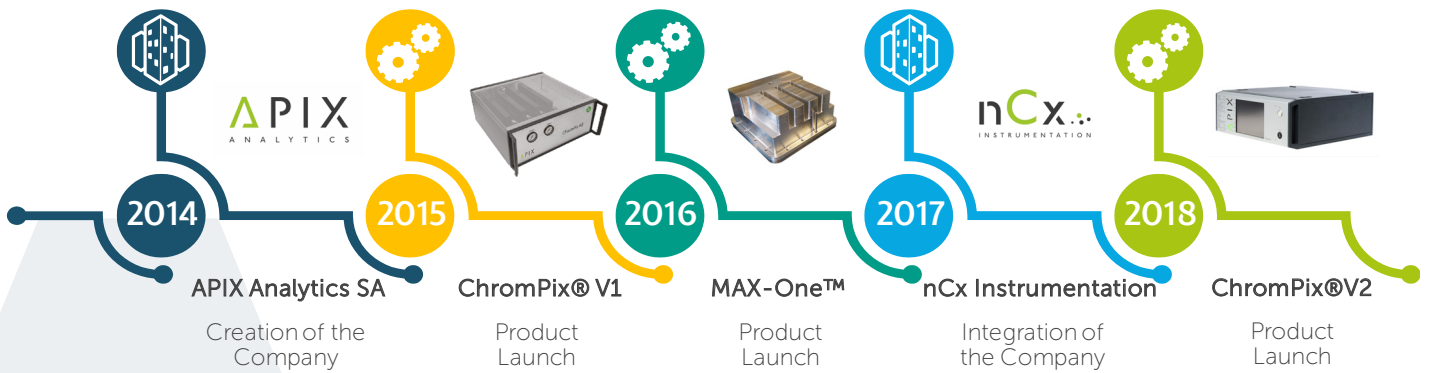> Operating temperature range : -10 to 40°C
> Noise emission : 45dB

SOFTWARE

Full control and compliant with APIX process software : PixL^{Pro}
Also available with the laboratory software : PixL^{Lab}

ABOUT APIX ANALYTICS

APIX Analytics (SA), a startup incorporated in June 2014, is the commercial emanation of 8 years of collaborative research between CEA (France) and California Institute of Technology (Caltech, USA). APIX is focused on the development of highly miniaturized multigas analyzers systems based on integration on silicon of traditional analytical chains: sampling, injection of gases, separation of complex gas mixtures to enhance specificity and then detection, identification and quantification of each mixture compound.

2014	2015	2016	2017	2018
APIX Analytics SA	ChromPix® V1	MAX-One™	nCx Instrumentation	ChromPix®V2
Creation of the Company	Product Launch	Product Launch	Integration of the Company	Product Launch

LOCATIONS

USA

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