Our Product Range

Yes, I would like detailed information about the ticked product:

Surname, forename _____ E-mail _____

Company _____ Phone _____

Would you like to talk to us about our product solutions? Please send us your enquiry or this coupon to
engineering-tools@iav.com

◯ IAV Dragoon

Universal Control Unit

IAV Dragoon connects vehicles with the Internet of Things and modern driver assist systems. It is a scalable control unit for prototypes and small-scale production in the passenger car and commercial vehicle sector.

◯ IAV Cross

Injection Analyzer

IAV Cross is a powerful system for hydraulic measurement of injection valves. It is used when there is a need for differentiated investigations of injection procedures.

◯ IAV Malebo

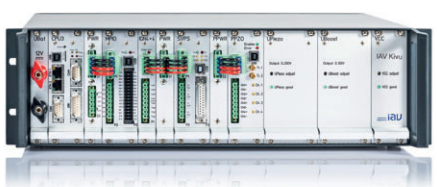
SENT signal trimming

IAV Malebo is an ideal tool for analyzing, simulating, manipulating and trimming SENT signals.

◯ IAV Primero

Lambda Sensor Fault Simulator

IAV Primero supports the entire OBD development process: algorithm development, calibration, vehicle homologation (OBD demo).



◯ IAV Kivu

Flexible Engine Control

IAV Kivu is a flexible control unit with versatile configuration options for developing new combustion methods and injection components.

◯ IAV Vaal

Simulation System for Valve Trains

IAV Vaal simulates the complete system behavior of fully variable valve trains for use on HiL test benches. Errors can be implied in the motion sequence for diagnosis and testing of typical error patterns.

◯ IAV Meru

Indication System

The most recent generation is available as IAV Indicar

IAV Indicar is a measuring instrument for calculation, display and evaluation of thermodynamic variables of combustion engines.

◯ IAV Meru

Knock Indication Systems

The most recent generation is available as IAV KIS4

IAV KIS4 is a measuring instrument for calculation, display and evaluation of thermodynamic and knock-specific variables of combustion engines.

Product by IAV

Product Overview

INCA-FLOW
Guided Calibration and Automation

The calibration tool INCA-FLOW supports project managers, algorithm developers, software developers and calibration engineers by accelerating and improving the development process as part of calibration. It makes expert know-how available throughout the company.

IAV Kasai
Model-Based Calibration

The most recent release is available as IAV EasyDoE
Design of Experiments (DoE) is a method that permits efficient parameterization of engine control units. The software permits a complete DoE as well as calibration and optimization of control unit maps.

IAV Xingu
Dataset Management System

IAV Xingu is a modern, process-oriented dataset management system for managing and controlling datasets from the different parts of the vehicle.

IAV Mara
Automated Measurement Data Analysis

IAV Mara is used for the search and flexible analysis of measurement data. Complex analyses and visualization can be configured according to the user's specific requirements, without needing any programming skills. For sophisticated use, recurrent tasks can be automated and calculated by means of distributed computing on cloud-based systems.

IAV Kagera
Validating RDE

IAV Kagera takes just a few minutes to generate a large number of synthetic, drivable cycles that can be used for reproducing a vehicle's emission distribution. Critical cycles can be systematically selected and exported.

IAV Barito
Calibration of Battery Models

The IAV Barito tool has been developed for the parameterization of battery models. It covers the entire workflow and is part of the tool chain developed by IAV for electric powertrains.

IAV Engine
Dimensioning and Optimizing Engine Mechanics

IAV Engine is an integrated tool for all-encompassing dimensioning and optimization of mechanical drives in the powertrain.

IAV Macara
Processing, Validating and Visualizing Calibration Parameters

IAV Macara is used to visualize, compare, collate and re-generate calibration data.

IAV Flexmore
List comparison, processing and analysis

IAV Flexmore quickly and easily provides an overview of different list information so that it can be easily analyzed and processed.