



Press release

iiM AG presents VisioCablePro® product updates at the WIRE 2020 in Düsseldorf



Fig.: New versions of the VCPX5, the Cold Impact Test CIT and the Splitting Cutter SC (from left to right)

The brand VisioCablePro® stands for high quality measuring and testing equipment for simplifying and improving tasks in any cable-testing laboratory or during the production process. In particular, VisioCablePro® develops and manufactures Cable Measuring Devices for measuring geometries on cable cross sections in combination with Cable Sample Preparation Devices. Furthermore, the portfolio also provides equipment for material testing in a laboratory (e.g. slicing, dumbbell cutting, heat elongation) and is finalized with software solutions to connect our measuring devices or also devices from other manufacturers to an external or to VisioCablePro®'s own developed database solution with CAQ software.

Using the equipment of VisioCablePro® saves time and with the obtained measuring results of the VCP measuring devices and the corresponding information on material consumption, extruders can be set efficiently; thus, the predetermined tolerance limits are safely respected. Measuring devices from the VisioCablePro® series so optimize the production, increase the product quality and minimize incurred costs substantially.

At the wire & tube 2020 - the leading trade fair for wire and cable industry - iiM AG will be presenting new products of the brand VisioCablePro®.

One highlight is our versatile cable measuring device VCPX5. With new innovative technologies and improved optical systems, e.g. with lenses and cameras of the newest generation, the new VCPX5 versions achieve even higher resolutions and thus reduce further measurement uncertainties. Additionally, the associated measuring software has been further developed and equipped with some new features, so that the operation is even more flexible for the operator.

In addition to improving our measuring devices, this year we will also be displaying product innovations for the areas sample preparation and material testing. Particularly the new versions of our standard-conform sample cutting devices for thermal elongation and tensile testing, the Splitting Cutters SC and SCPE are noteworthy. The newest development of the Splitting Cutter SC enables a much easier and more precise adjustment of the cutting thickness with only one setting. A new sample insertion table now allows inserting the material into the rollers easily and parallel and with a new transmission, the required strength is reduced enormously to a minimum. In the course of optimizing the SC, the VisioCablePro® team also improved the Splitting Cutter SCPE, which is suitable for slicing extremely hard material strips from complete medium voltage cables. A larger traversing distance allows slicing longer samples for various global standards and the new transmission allows the cut to be faster. For additional operating safety the complete working area has been enclosed by a cover.

Further highlights of the trade fair this year are devices for both the Cold Impact Test (IEC 60811-506) and the Cold Bending Test (IEC 60811-504), which complement the material testing portfolio of VisioCablePro®. The Cold Impact Test CIT includes an extensive set with weights, etc. for testing up to three samples simultaneously or also including components for testing photovoltaic samples. Also the Cold Bending Test CBT is offered with an extensive accessory set and a complete solution for all cable diameters. Optionally, a cooling unit to cool down to -55° can be added to the scope of delivery.

Additionally to all above mentioned innovations, we will be presenting you another measuring device from our new cooperation partner Conoptica AS. Conoptica is the leading manufacturer of drawing die inspection and measuring technology and specialized in wires for cables and machine tools. The displayed device CU11S allows diameter measurements and even more interesting, it measures the bearing length and asymmetry of the inner profile. Thus, operators have access to inclination and variation data.

iiM AG would like to invite you to visit its booth 9C49. There they will inform you about the updated cable measuring device VCPX5 and its cost saving potential as well as about the comprehensive product range of VisioCablePro®. For further information about our product portfolio visit our homepage under: www.cable-measurement.com.

About iiM AG

iiM AG measurement + engineering provides high quality and high performance products for Machine Vision. For over 20 years iiM AG has been developing and producing industrial measurement engineering for various industry fields such as the cable, wire and solar industry and also for the automotive industry. In order to guarantee a high standard of our processes as well as continuous improvement, we annually undergo an inspection of our Quality Management System according to ISO 9001:2015 and are certified by DEKRA Certification GmbH.