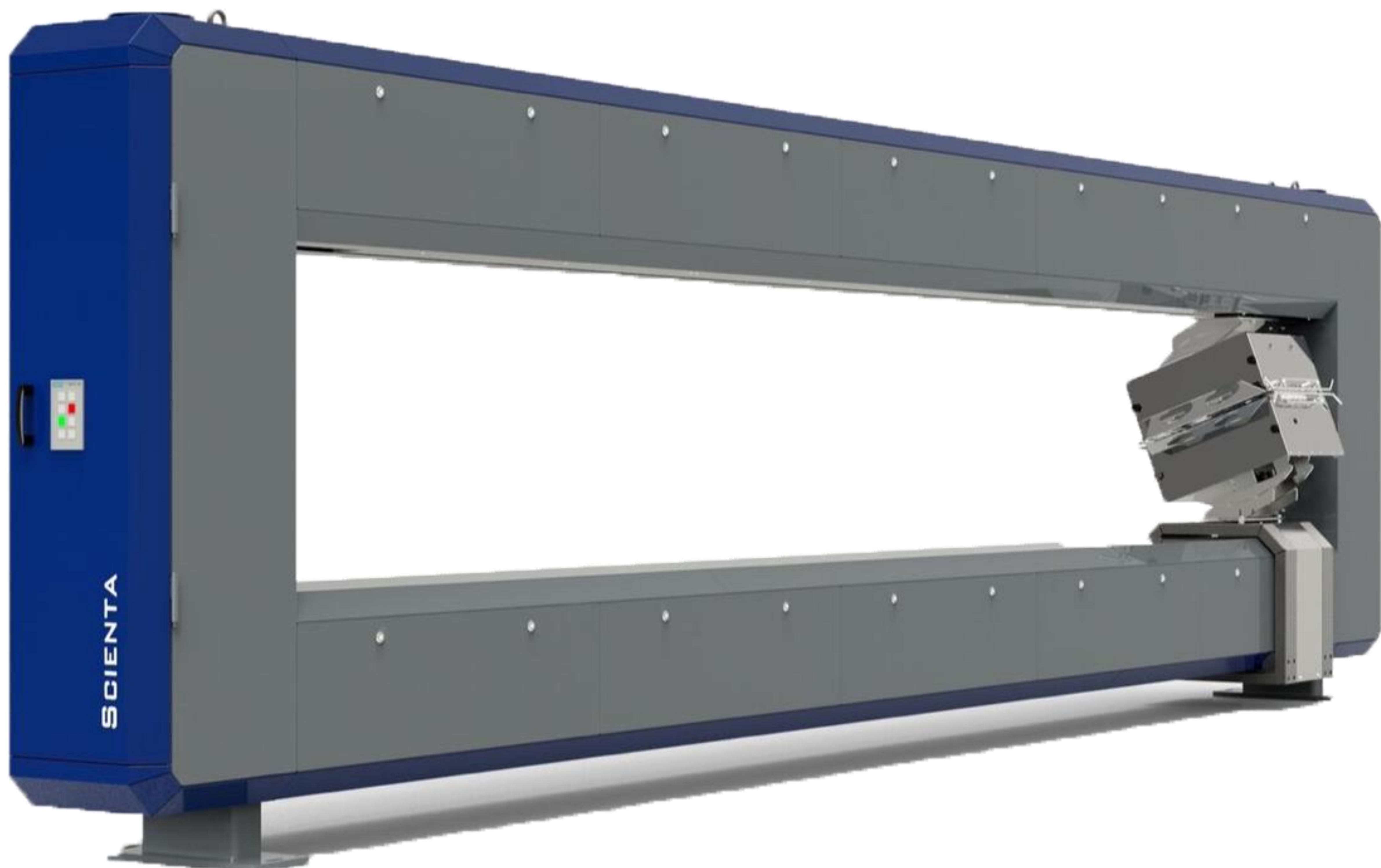


SCIENTA 1010 SCANNER FRAME



- ✓ Large Frame Scanner Model
- ✓ Up To 10.000 mm sheet width
- ✓ Liquid cooled sensor platform, also for harsh environments
- ✓ Rugged, modern design with fresh air overpressurized frame

INSTALLATION EXAMPLES



FEATURES

The large frame Scienta Model 1010 scanner allows it to be fitted into existing lines. A strong, welded RHS-beam structure ensures dimensional stability for high measurement precision. The completely enclosed structural beam provides protection from dimensional deviations due to external temperature variations.

Pulver painted steel scanner covers prevent dust and dirt contamination of the head transport system. The covers are easily removed for inspection.

The upper and lower head carriages are supported by 3 large diameter steel wheels for smooth scanning. It has a modular construction with all sensors mounted in-line in the machine direction for simultaneous measurement. Automatic standardization and compressed air head cleaning functions are standard.

A special clutch system for the drive train opens up in emergency situations. Operator safety is thus ensured when working near the scanner.

TECHNICAL SPECIFICATIONS

Scanner Type	1010
Construction	200 mm RHS-beam frame - welded construction
Dimensions	Scanner width max. 12000 mm Beam width max. 10800 mm
Machine length requirement	600-1200 mm
Maximum number of installed sensors	4 including sheet temperature
Frame Height	1932 mm
Frame Weight	1000 kg plus 100 kg/m
Head Positioning	Accuracy +/- 2 mm

Scanner Type	1010
Scanning Speed	100-400mm/sec typical, governed by inverter assuring smooth operation.
Power Requirement	110-230 VAC, 50/60 Hz, 1 kW max.
Drive belt	Steel reinforced PU timing belt
Scanner drive	120 W AC with heavy duty tooth-wheel gear box
Guiding system	Round steel guide rods with large diameter steel wheels
Instrument Air	6 bars (90psi) oilfree
	0,01 um filter, 100 l/min