

2026

ARGUS®

testing the telecom network

TEST EQUIPMENT
MADE IN GERMANY

THE FAMILY OF ARGUS



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ARGUS®

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IN USE THROUGHOUT EUROPE

For over 35 years, **intec Gesellschaft für Informationstechnik mbH** stands for innovative measurement technology – developed and produced for telecommunications networks in Europe. Our **ARGUS testers** are ideal for developing fiber optic and broadband infrastructures, documenting efficiently, and supporting daily maintenance and troubleshooting in fiber optic and copper networks as well as over Ethernet. We deliver what network operators and service technicians need: **speed, security and trust**.

Our solutions are **optimally tailored to European standards, norms and protocols**. Language and technical localization, fast shipping within the EU, and direct technical support guarantee short distances and quick help without detours. For us, **“Made in Europe”** stands for quality, transparency and sustainability. Thanks to modular, scalable products, we serve small companies as well as large network operators. Long-term product support and regular updates make your investment future-proof.

Our innovative strength drives us forward: we integrate state-of-the-art technologies such as **GPON, XGS-PON, ADSL2+, VDSL2 vectoring, VDSL2 bonding, VDSL2 profile 35b, and G.fast (profiles 106a and 212a)** and are constantly developing our portfolio. This means that ARGUS testers are ideally equipped for current and future requirements.

Our user interface is based on freely configurable tiles: Technicians start directly with the appropriate measurement configuration – **simply, quickly, and error-free**. Clearly displayed results are transmitted via Wi-Fi to smartphones, central servers, or the ARGUS app.

In addition, supervisors can take control of devices remotely and provide active support. Centralized management and archiving of measurement results facilitate the handling of large network structures – **training costs and error rates are significantly reduced**.

Our ARGUS testers have been sold over 100,000 times – including to leading European network operators such as Deutsche Telekom, Vodafone, Telefónica, KPN, BT, and Telekom Austria.



ARGUS® MADE IN GERMANY

ARGUS® F300



- GPON
- XGS-PON
- xPON ID
- FTTH
- PON
- Sel. OPM
- Through Mode
- OTDR
- FIT
- OLTS
- VFL
- 2.5GigE
- 10GigE
- SFP
- WLAN
- Data
- IP TV
- Vo IP
- OTT
- Speed test
- iperf
- RFC 6349

ARGUS F300 ...

Fiber tester with touch display: combines intuitive operation, familiar ARGUS® menu structure and maximum system performance

Establ. speed tests on numerous interfaces such as GPON, XGS-PON, Ethernet, WLAN, 10 GigE and many more

Assists in the maintenance and testing of modern broadband interfaces in the fiber range

Even faster access to the most frequently used functions thanks to freely configurable favourites view

PLOAM monitor scans all ONU IDs and serial numbers of connected ONTs on a PON branch

Many different SFP modules for fiber (FTTx) and ETH (Active Ethernet), opt. with SFP+

Features a 10 GBase-T interface and allows HTTP/FTP up/download tests, IP ping, traceroute

Free cloud functions, e. g. firmware update, configuration and test result upload

Transmission of measurement logs to the ARGUS® Mobile App

Supports easy configuration on the PC with the ARGUS® Configuration Tool

ARGUS F300 with optional ...

Selective OPM with automated detection of XGS-PON and GPON and readout of PON ID/XGS-PON ID

PON powermeter extension with through mode, measures 5 wavelengths simultaneously, with Alien-ONT detection

Guided PON installation test, ONT simulation; display of PON ID in plain text, precise, calibrated attenuation measurement and much more

OTDR (1310 & 1550 nm / 1310 & 1650 nm): highly precise last mile troubleshooting, auto mode + graph. route analysis event by event

Fiber inspection tool for optical fiber inspection and pass/fail evaluation according to IEC 61300-3-35

2.5 Gigabit Ethernet interface for even faster in-service speed testing via IPv4 and IPv6

WLAN AP and WLAN client mode with WLAN scan for finding WLAN networks

ARGUS® 2G4 Scope for finding WLAN interferers in real time

ARGUS® WLAN Analyzer: Automated and graphical evaluation of found networks, even during the connection, and much more

Wi-Fi 7: Supports Wi-Fi 6e & Wi-Fi 7 (6 GHz), performance tests (iperf, Real Speed), WPA3

iperf client/server mode, determines TCP throughput in down-/upload, also ARGUS® vs. ARGUS®

ARGUS® Real Speed Test with evaluation of TCP throughput acc. to RFC 6349 with up to 10 Gbit/s

Optical Loss Test Set (OLTS) enhancement with the Optical Light Source (OLS): Attenuation calculation with automated wavelength switching

ARGUS® F240



- Sel. OPM
- xPON ID
- Through Mode
- GPON
- XGS-PON
- FTTH
- PON
- OFL
- FIT
- OLTS
- VFL
- 2.5GigE
- 10GigE
- SFP
- WLAN
- Data
- IP TV
- Vo IP
- OTT
- Speed test
- iperf
- RFC 6349

ARGUS F240 ...

Fiber tester with touch display: combines intuitive operation, familiar ARGUS® menu structure and maximum system performance

Selective xPON-OPM with automated detection of XGS-PON and GPON and readout of PON ID/XGS-PON ID

PLOAM monitor scans all ONU IDs and serial numbers of connected ONTs on a PON branch

Many different SFP modules for fiber (FTTx) and ETH (Active Ethernet)

Established speed tests on numerous interfaces such as GPON, XGS-PON, Ethernet, WLAN, 10 GigE and many more

Assists in the maintenance and testing of modern broadband interfaces in the fiber range

Even faster access to the most frequently used functions thanks to freely configurable favourites view

Features a 10 GBase-T interface and allows HTTP/FTP up/download tests, IP ping, traceroute

Free cloud functions, e. g. firmware update, configuration and test result upload

Transmission of measurement logs to the ARGUS® Mobile App

Supports easy configuration on the PC with the ARGUS® Configuration Tool

ARGUS F240 with optional ...

PON powermeter extension with through mode, measures 5 wavelengths simultaneously, with Alien-ONT detection

Guided PON installation test, ONT simulation; display of PON ID in plain text, precise, calibrated attenuation measurement and much more

Fiber inspection tool for optical fiber inspection and pass/fail evaluation according to IEC 61300-3-35

2.5 Gigabit Ethernet interface for even faster in-service speed testing via IPv4 and IPv6

WLAN AP and WLAN client mode with WLAN scan for finding WLAN networks

ARGUS® 2G4 Scope for finding WLAN interferers in real time

ARGUS® WLAN Analyzer: Automated and graphical evaluation of found networks, even during the connection, and much more

Wi-Fi 7: Supports Wi-Fi 6e & Wi-Fi 7 (6 GHz), performance tests (iperf, Real Speed), WPA3

iperf client/server mode, determines TCP throughput in down-/upload, also ARGUS® vs. ARGUS®

ARGUS® Real Speed Test with evaluation of TCP throughput acc. to RFC 6349 with up to 10 Gbit/s

Optical Loss Test Set (OLTS) enhancement with the Optical Light Source (OLS): Attenuation calculation with automated wavelength switching

Optical Fault Locator (OTDR-based): Enables precise fault location and quality assessment of fiber-optic lines during operation

ARGUS® F200



- Sel. OPM
- xPON ID
- Through Mode
- GPON
- XGS-PON
- FTTH
- PON
- OFL
- FIT
- OLTS
- VFL
- WLAN
- Data
- iperf
- RFC 6349

ARGUS F200 ...

Fiber tester with touch display: combines intuitive operation, familiar ARGUS® menu structure and maximum system performance

Selective xPON-OPM with automated detection of XGS-PON and GPON and readout of PON ID/XGS-PON ID

PLOAM monitor scans all ONU IDs and serial numbers of connected ONTs on a PON branch

Assists in the maintenance and testing of modern broadband interfaces in the fiber range

Even faster access to the most frequently used functions thanks to freely configurable favourites view

FW update and configuration import from the cloud and test result upload

Transmission of measurement logs to the ARGUS® Mobile App

Supports easy configuration on the PC with the ARGUS® Configuration Tool

ARGUS F200 with optional ...

PON powermeter extension with through mode, measures 4 or 5 wavelengths simultaneously, with Alien-ONT detection

Fiber inspection tool for optical fiber inspection and pass/fail evaluation according to IEC 61300-3-35

Guided PON installation test, ONT simulation; display of PON ID in plain text, precise, calibrated attenuation measurement and much more

IP tests: HTTP/FTP up/download tests, IP ping, traceroute

Optical Loss Test Set (OLTS) enhancement with the Optical Light Source (OLS): Attenuation calculation with automated wavelength switching

Optical Fault Locator (OTDR-based): Enables precise fault location and quality assessment of fiber-optic lines during operation

ARGUS® 300



ARGUS 300 ...

All-in-one tester with touch display; combines intuitive operation, familiar ARGUS® menu structure and maximum system performance

Combines the functions of various fiber measurement devices, xDSL combi testers and 10 GigE measurement technology

Established speed tests on numerous interfaces such as GPON, XGS-PON, Ethernet, WLAN, G.fast, xDSL, 10 GigE and many more

Assists in the maintenance and testing of modern broadband interfaces in the copper and fiber range

Even faster access to the most frequently used functions thanks to freely configurable favourites view

Many different SFP modules for fiber (FTTx) and ETH (Active Ethernet), opt. with SFP+

Features a 1000 Base-T Ethernet interface and allows HTTP/FTP up/download tests, IP ping, traceroute; simulates at xDSL (opt.) bridge, PC and router mode

Offers numerous copper test options: e.g. with the line scope in the time/frequency range for the detection of interferers on all telecommunication lines

Free cloud functions, e. g. firmware update, configuration and test result upload

Transmission of measurement logs to the ARGUS® Mobile App

Supports easy configuration on the PC with the ARGUS® Configuration Tool

ARGUS 300 with optional ...

Selective OPM with automated detection of XGS-PON and GPON and readout of PON ID/XGS-PON ID

PON powermeter extension with through mode, measures 5 wavelengths simultaneously, with Alien-ONT detection

Guided PON installation test, ONT simulation; display of PON ID in plain text, precise, calibrated attenuation measurement and much more

ARGUS® GPON ONT: Replaces the customer ONT on-site, protocol setup (PPP) as well as speed and triple play tests, OLT port determination, separate GPON trace and PON level and attenuation measurement

OTDR (1310 & 1550 nm / 1310 & 1650 nm): highly precise last mile troubleshooting, auto mode + graph. route analysis event by event

Fiber inspection tool for optical fiber inspection and pass/fail evaluation according to IEC 61300-3-35

Optical Fault Finder: simple optical fault location, determines the distance to various fault events

2.5/10 Gigabit Ethernet interface for even faster in-service speed testing via IPv4 and IPv6

WLAN AP and WLAN client mode with WLAN scan for finding WLAN networks

ARGUS® 2G4 Scope for finding WLAN interferers in real time

ARGUS® WLAN Analyzer: Automated and graphical evaluation of found networks, even during the connection, and much more

Wi-Fi 7: Supports Wi-Fi 6e & Wi-Fi 7 (6 GHz), performance tests (iperf, Real Speed), WPA3

Measurement on ADSL, VDSL (35b), SHDSL (8-wire), G.fast (106/212) and all types of bonding accesses, incl. graphical processing of measured values, graphical long-term trace, OK/fail analysis, etc.

iperf client/server mode, determines TCP throughput in down-/upload, also ARGUS® vs. ARGUS®

ARGUS® Real Speed Test with evaluation of TCP throughput acc. to RFC 6349 with up to 10 Gbit/s

Traffic generator and loop function for 1/2.5/5/10 Gigabit Ethernet interfaces

RFC2544: Tests throughput, latency and frame loss with a maximum data rate of 10 Gbit/s

ARGUS® SAM: Service Activation and Performance Test according to Y.1564, determines CIR, EIR (incl. Traffic Policing) with a maximum data rate of 10 Gbit/s

Integr. cable multimeter for exact determination of U=, U-, CSym, C, Iso-R, RSym, R, I=, LCL, NEXT in autotest, opt. with RFL and automated remote kit control

TDR for determination of line length, detection and identification of short circuits, interruptions, mismatches, stubs, and more

ISDN BRI S/T, PRI and/or POTS interface for maximum compatibility



ARGUS® 260



ARGUS 260 ...

Broadband tester with touch display; combines intuitive operation, familiar ARGUS® menu structure and maximum system performance

Combines the functions of various fiber measurement devices and xDSL combi testers

Many different SFP modules for fiber (FTTx) and ETH (Active Ethernet)

Established speed tests on numerous interfaces such as GPON, XGS-PON, Ethernet, WLAN, G.fast, xDSL and many more

Assists in the maintenance and testing of modern broadband interfaces in the copper and fiber range

Even faster access to the most frequently used functions thanks to freely configurable favourites view

Features a 1000 Base-T Ethernet interface and allows HTTP/FTP up/download tests, IP ping, traceroute; simulates at xDSL (opt.) bridge, PC and router mode

Offers numerous copper test options: e.g. with the line monitor in the time/frequency range for the detection of interferers on all telecommunication lines

Free cloud functions, e. g. firmware update, configuration and test result upload

Transmission of measurement logs to the ARGUS® Mobile App

Supports easy configuration on the PC with the ARGUS® Configuration Tool

Measurement on ADSL2/2+ (Annex B+J) + VDSL2 (up to profile 35b) incl. graph. Processing of measured values, graph. Long-term trace, OK/Fail analysis and much more

ARGUS 260 with optional ...

Selective OPM with automated detection of XGS-PON and GPON and readout of PON ID/XGS-PON ID

PON powermeter extension with through mode, measures 5 wavelengths simultaneously, with Alien-ONT detection

Guided PON installation test, ONT simulation; display of PON ID in plain text, precise, calibrated attenuation measurement and much more

ARGUS® GPON ONT: Replaces the customer ONT on-site, protocol setup (PPP) as well as speed and triple play tests, OLT port determination, separate GPON trace and PON level and attenuation measurement

Fiber inspection tool for optical fiber inspection and pass/fail evaluation according to IEC 61300-3-35

Optical Fault Finder: simple optical fault location, determines the distance to various fault events

2.5 Gigabit Ethernet interface for even faster in-service speed testing via IPv4 and IPv6

WLAN AP and WLAN client mode with WLAN scan for finding WLAN networks

ARGUS® 2G4 Scope for finding WLAN interferers in real time

ARGUS® WLAN Analyzer: Automated and graphical evaluation of found networks, even during the connection, and much more

Wi-Fi 7: Supports Wi-Fi 6e & Wi-Fi 7 (6 GHz), performance tests (iperf, Real Speed), WPA3

Measurement on G.fast (106/212) and G.fast/VDSL (35b) bonding accesses

iperf client/server mode, determines TCP throughput in down-/upload, also ARGUS® vs. ARGUS®

ARGUS® Real Speed Test with evaluation of TCP throughput acc. to RFC 6349 with up to 10 Gbit/s

Integr. cable multimeter for exact determination of U=, U-, CSym, C, Iso-R, RSym, R, I=, LCL, NEXT in autotest, opt. with RFL and automated remote kit control

TDR for determination of line length, detection and identification of short circuits, interruptions, mismatches, stubs, and more

ISDN BRI S/T and/or POTS interface for maximum compatibility



		300	F300	260	F240	F200
Interfaces	ADSL2/2+	✓		✓		
	VDSL2 Profile 35b	✓		✓		
	VDSL2 Profile 35b Bonding	✓		✓		
	G.fast (up to 212 MHz)	✓		✓		
	G.fast (up to 212 MHz Bond.)	✓		✓		
	SHDSL 2/4/8 wire (STU-R/C)	✓				
	xDSL	✓		✓		
ETH	1 GigE	✓	✓	✓		
	2.5 GigE	✓	✓	✓		
	10 GigE Link	✓	✓	✓	✓	
Fiber	GPON	✓	✓	✓	✓	✓
	XGS-PON	✓	✓	✓	✓	✓
	ONT Simulation	✓	✓	✓	✓	✓
	xPON ID	✓	✓	✓	✓	✓
	PON Installation Test	✓	✓	✓	✓	✓
	Sel. 3x OPM / Optical Power Meter	✓ / ✓	✓ / -	✓ / ✓	✓ / -	✓ / -
	Sel. 4x OPM with Through Mode	✓	✓	✓	✓	✓
	Sel. 5x OPM with Through Mode	✓	✓	✓	✓	✓
	PLOAM Monitor	✓	✓	✓	✓	✓
	Optical Fault Finder	✓		✓		
	OTDR (1310 & 1650 nm or 1310 & 1550 nm)	✓	✓			
	Optical Fault Locator (OTDR-based)				✓	✓
	Fiber Inspection Tool	✓	✓	✓	✓	✓
	Optical Light Source	✓	✓	✓	✓	✓
	Optical Loss Test Set	✓	✓	✓	✓	✓
Visual Fault Locator	✓	✓	✓	✓	✓	
Wireless	WLAN Test	✓	✓	✓	✓	
	WLAN Spectrum Analysis/2G4 Scope	✓	✓	✓	✓	
	WLAN Management	✓	✓	✓	✓	✓
	ARGUS® WLAN Analyzer	✓	✓	✓	✓	
	Wi-Fi 7 module	✓	✓	✓	✓	
ISDN/POTS	BRI S/T	✓		✓		
	PRI/E1	✓				
	POTS	✓		✓		
Copper	int. Cable Multimeter (DMM)	✓		✓		
	Line Scope	✓		✓		
	TDR	✓		✓		
	RFL	✓		✓		
	Remote Kit Control	✓		✓		
	ARGUS® RF Current Clamp	✓		✓		
Tests	IP Tests (Ping/Traceroute)	✓	✓	✓	✓	✓
	Down-/Upload (HTTP/FTP)	✓	✓	✓	✓	✓
	ARGUS® Real Speed Formal (RFC6349)	✓	✓	✓	✓	✓
	ARGUS® Real Speed Direct (iperf)	✓	✓	✓	✓	✓
	Speedtests up to 2.5 Gbit/s		✓		✓	
	Speedtests up to 10 Gbit/s	✓	✓	✓	✓	
	Network Scan	✓	✓	✓	✓	
	Web Browser	✓	✓	✓	✓	
	VoIP + MOS	✓	✓	✓	✓	
	IPTV	✓	✓	✓	✓	
	OTT (Adaptive streaming)	✓	✓	✓	✓	
	Parallel Tests / Autotests	✓		✓		
	Loop/Traffic-Generator	✓				
RFC2544	✓					
ARGUS® SAM (Y.1564)	✓					
Admin	FW Update, Configuration Import & Test	✓	✓	✓	✓	✓
	Result Upload via Cloud/FTP	✓				
	Remote Access (VNC)	✓	✓	✓	✓	✓
	PC Software	✓	✓	✓	✓	✓
	ARGUS® Mobile App	✓	✓	✓	✓	✓

✓ inclusive ✓ optional

✓ one OTDR included in the scope of delivery

✓ one xPON-OPM is part of the standard package

