

IWATA ATAWI CS TECHNICAL OVERVIEW

PRECISION. CONTROL. EXPRESSION. // JAPANESE CRAFTSMANSHIP × MODERN PERFORMANCE

CUSTOM SERIES · E2 HEAD SYSTEM



FIG 01 // IWATA ATAWI CS CUSTOM SERIES – E2 HEAD · MICRO-RESPONSE LEVER · QUICK FLUSH HANDLE



FIG 02 // E2 HEAD & CROWN CAP



FIG 03 // CUTAWAY PRESET HANDLE

E2

E2 HEAD SYSTEM
Detail & All-Purpose

CF

COMPRESSION FIT
Drop-In Easy Clean

2K

PTFE PACKING
Solvent Paint Ready

PSI

20–30 PSI RANGE
Optimal Atomization

Iwata ATAWI CS airbrush delivers detail capability, responsive control and ease of use across a wide range of custom painting applications. Equipped with Iwata’s legendary **compression fit nozzle**, the ATAWI CS is built for frequent, everyday detail and all-purpose spraying. It stands up to repeated cleaning cycles and long spray sessions while delivering fine details and soft atomization. **Iwata ATAWI CS airbrush is the fusion of our traditional Japanese craftsmanship with modern-day performance.**

ENGINEERED ARCHITECTURE & KEY PERFORMANCE FEATURES

OFFICIAL FACTORY SPECIFICATION

01 E2 HEAD SYSTEM

E2 Head System for detail capability and all-purpose spraying. Engineered specifically for the ATAWI CS to deliver crisp fine-line detail, smooth tonal transitions, and soft atomization across custom graphics and broad shading.

02 COMPRESSION FIT NOZZLE

Compression Fit Nozzle for durability, easy cleaning, and ease of use. Self-centering drop-in nozzle design eliminates delicate micro-threads, standing up to repeated cleaning cycles and demanding daily booth workflows.

03 MICRO-RESPONSE MAIN LEVER

Micro-Response Main Lever: Is ergonomic and highly responsive to subtle trigger inputs, giving artists exceptional control when working on the finest details. **It's ideal for long spray sessions with less finger fatigue.**

04 QUICK FLUSH CUTAWAY PRESET HANDLE

Quick Flush Cutaway Preset Handle provides fast access to the needle, allowing you to quickly empty the paint reservoir for cleaning. **The preset feature lets you set the spray output, increasing control.**

05 CROWN CAP & REAR CROWN CAP DOCK

Crown Cap – For defined and easy to see detail work. Protects the needle tip while providing an unobstructed sightline. **Crown Cap Dock conveniently stows the crown cap on the back of the handle when not in use.**

06 PTFE NEEDLE PACKING & WORKING PRESSURE

PTFE Needle packing – For use with Solvent based paints. Impervious to automotive 2K urethanes, solvent intercoats, and reducers. **Optimal Working Pressure: 20–30 psi (1.4–2.1 bar)** for effortless atomization.

TECHNICAL SPECIFICATION & OPERATING MATRIX — IWATA ATAWI CS (SKU: ATA4500)

SYSTEM / PARAMETER	ATAWI CS SPECIFICATION	WORKSHOP & ARTIST PERFORMANCE BENEFIT
Head & Nozzle System	E2 Head · Compression-Fit Nozzle	Detail capability & all-purpose spraying; durable & easy to clean
Trigger Mechanism	Micro-Response Main Lever	Ergonomic finger pad; highly responsive to subtle inputs, less fatigue
Handle Architecture	Quick Flush Cutaway Preset Handle	Fast needle access for flushing; preset dial locks spray output
Crown Cap & Storage	Detail Crown Cap + Rear Handle Dock	Defined, easy-to-see detail work; stows on back of handle when off
Needle Packing Seal	Solvent-Proof PTFE Needle Packing	Full compatibility with solvent-based automotive & waterborne paints
Optimal Working Pressure	20 – 30 PSI (1.4 – 2.1 Bar)	Soft atomization, crisp fine lines & consistent everyday reliability
Platform & Craftsmanship	Gravity Feed · Dual-Action · Japan	Fusion of traditional Japanese craftsmanship with modern performance

Designed for precision, comfort, and long-term reliability, the ATAWI CS delivers uncompromising performance for artists who demand more from their tools.

DESIGNED TO PERFORM. BUILT TO INSPIRE.