

# THYROLUXE 401 / THYROLUXE 600 THYROLUXE 1000 / THYROLUXE 1200

The world class Thyristor based DC welders



THYROLUXE 401



THYROLUXE 600



THYROLUXE 1000



THYROLUXE 1200

- Choice of heavy duty models to take care of both welding & gouging (for 600 A, 1000A, 1200 A models only)
- Superior welding performance for the complete welding current range
- Ideal constant current drooping characteristics
- Stepless control for current adjustments
- Protections against input supply fluctuations i.e Under voltage, Over voltage, Single phasing, over load and short circuit
- Power source provided with built in Hot start, Antistick and self controlled Arc force dynamics
- Worry-free on maintenance



WELDERS TO THE NATION SINCE 1951  
**ADOR WELDING LIMITED**

(Formerly Known as Advani-Oerlikon Ltd.)  
[www.adorwelding.com](http://www.adorwelding.com)



# THYROLUXE 401/ THYROLUXE 600 / THYROLUXE 1000/ THYROLUXE 1200

The world class Thyristor based DC welders



## Salient Features

- Step less current control
- Suitable for Heavy duty Welding and Gouging application (for 600/1000/1200 A models only)
- Smooth and stable arc with minimum spatters
- Welder friendly Remote controller for easy and convenient setting of current from the workplace or the job
- Easy arc striking, High OCV for ease in arc start / restart
- Digital display, comlock connectors (for 400, 600 A models only) etc. also available (at extra cost)



TECHNICAL SPECIFICATIONS	UNIT	THYROLUXE 401	THYROLUXE 600	THYROLUXE 1000	THYROLUXE 1200
<b>INPUT</b>					
Input Supply: Voltage	Volts.	415, +10, -15%	415, +10, -15%	415, +10, -10%	415, +10, -10%
Phase	No.	3	3	3	3
<b>Frequency</b>	Hz.	50/60	50/60	50/60	50/60
Input KVA @100% duty cycle	KVA	19.5	31.5	54.0	72.0
Input current @100% duty cycle	Amps AC	26.0	44	87	100
Recommended switch fuse/rating	Amps AC	TP-35	TP-60	TP-115	TP-135
<b>OUTPUT</b>					
Open Circuit Voltage	Volts DC	100	100	100	100
Welding Current Range	Amps DC	10-400	20-600	100-1000	100-1200
<b>Welding Current</b>					
@ 40% duty cycle	Amps DC	-	-	1000	-
@ 60% duty cycle	Amps DC	400	600	850	1200
@ 100% duty cycle	Amps DC	310	465	650	930
<b>GENERAL</b>					
Gouging Carbon Electrode size	mm Ø	-	6 to 9	6 to 12	6 to 12
Current Display	-	Analog	Analog	Analog	Analog
Ingress Protection	Class	IP23	IP23	IP23	IP23
Cooling	Type	Forced Air	Forced Air	Forced Air	Forced Air
Insulation	Class	H	H	H	H
Dimensions					
Length	mm	835	980	1130	1200
Width	mm	435	550	770	770
Height	mm	820	960	1080	1175
Weight (approx.)	Kg	147	216	403	450
<b>ORDERING INFORMATION</b>		PRODUCT CODE	PRODUCT CODE	PRODUCT CODE	PRODUCT CODE
<b>Standard Power Source - MMA outfit</b>		F.10.34.401.0005	F10.34.501.0006	F10.34.401.0035	F10.34.401.0001
<b>OPTIONAL ACCESSORIES</b>					
Welding Accessories- WAC 400		S10.64.001.0014	—	—	—
Welding Accessories- WAC 600		—	S10.64.001.0015	—	—

- **Warranty:** One year from the date of purchase. ADOR WELDING LIMITED warrants that all new equipment sold from Plant/Area Offices / Authorised Distributors are free from defects in materials and workmanship and will perform in full accordance with applicable specifications.
- In view of continuous development, ADOR WELDING LIMITED reserves the right to modify/change the design and /or the specifications without any prior notice.
- Backed by dedicated customer care package.



WELDERS TO THE NATION SINCE 1951  
**ADOR WELDING LIMITED**

(Formerly Known as Advani-Oerlikon Ltd.)  
www.adorwelding.com



5/A, Corpora, L. B. S. Marg, Bhandup (West), Mumbai - 400 078. INDIA  
Tel: +91 22 6623 9300/35 Fax: +91 22 2596 6562/6062 Email: cmo@adorians.com